

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080892.D
 Acq On : 6 Aug 2015 16:55
 Operator : TP/UM
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080615

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:15:03 AM

Quant Time: Aug 07 04:07:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	54329	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	233464	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	106826	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	222966	20.00	ng	0.00
75) Chrysene-d12	13.96	240	205981	20.00	ng	0.00
86) Perylene-d12	15.37	264	194914	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	291907	85.65	ng	0.00
7) Phenol-d6	6.44	99	380090	81.02	ng	0.00
23) Nitrobenzene-d5	7.38	82	382020	77.08	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	97153	84.67	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	552644	73.74	ng	0.00
78) Terphenyl-d14	12.91	244	669293	68.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	65063	39.41	ng	99
3) Pyridine	3.02	79	198885	42.84	ng	99
4) n-Nitrosodimethylamine	2.97	42	97521	40.60	ng	99
6) Aniline	6.46	93	278059	39.96	ng	99
8) 2-Chlorophenol	6.59	128	164156	42.42	ng	98
9) Benzaldehyde	6.35	77	124600	38.55	ng	99
10) Phenol	6.45	94	236559	42.02	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	148102	37.16	ng	99
12) 1,3-Dichlorobenzene	6.75	146	174753	41.63	ng	98
13) 1,4-Dichlorobenzene	6.83	146	177069	41.43	ng	98
14) 1,2-Dichlorobenzene	6.98	146	151041	38.55	ng	99
15) Benzyl Alcohol	6.96	79	161670	43.44	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	318427	38.93	ng	99
17) 2-Methylphenol	7.07	107	146658	42.29	ng	99
18) Hexachloroethane	7.32	117	64313	39.62	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	126225	37.79	ng	100
20) 3+4-Methylphenols	7.22	107	165876	39.46	ng	96
22) Acetophenone	7.22	105	215402	36.89	ng	# 99
24) Nitrobenzene	7.40	77	186358	36.90	ng	# 75
25) Isophorone	7.64	82	377015	39.69	ng	99
26) 2-Nitrophenol	7.71	139	79081	37.31	ng	96
27) 2,4-Dimethylphenol	7.76	122	165970	40.81	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	191584	34.03	ng	100
29) 2,4-Dichlorophenol	7.95	162	121621	37.51	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	142358	39.60	ng	99
31) Naphthalene	8.12	128	515523	40.69	ng	99
32) Benzoic acid	7.87	122	104571	40.43	ng	95
33) 4-Chloroaniline	8.17	127	198866	37.98	ng	98
34) Hexachlorobutadiene	8.24	225	77716	38.00	ng	99
35) Caprolactam	8.54	113	47958	39.63	ng	89
36) 4-Chloro-3-methylphenol	8.65	107	144893	37.10	ng	100
37) 2-Methylnaphthalene	8.81	142	296318	37.94	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	136764	42.03	ng	98
40) Hexachlorocyclopentadiene	8.97	237	82434	44.15	ng	100

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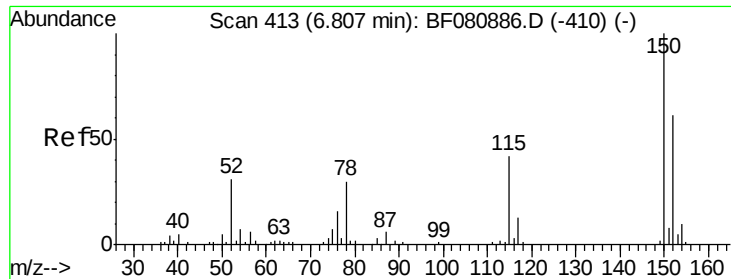
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	92844	38.67	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	105267	43.25	nq	97
45) 1,1'-Biphenyl	9.28	154	398895	44.13	nq	98
46) 2-Chloronaphthalene	9.30	162	306262	43.34	nq	99
47) 2-Nitroaniline	9.39	65	117147	40.76	nq	99
48) Acenaphthylene	9.71	152	501661	40.48	nq	100
49) Dimethylphthalate	9.58	163	360574	42.50	nq	# 98
50) 2,6-Dinitrotoluene	9.64	165	80533	44.27	nq	# 50
51) Acenaphthene	9.88	154	303766	40.34	nq	99
52) 3-Nitroaniline	9.80	138	81849	36.39	nq	93
53) 2,4-Dinitrophenol	9.90	184	42747	42.89	nq	91
54) Dibenzofuran	10.05	168	408394	40.04	nq	99
55) 4-Nitrophenol	9.96	139	81529	48.03	nq	# 84
56) 2,4-Dinitrotoluene	10.04	165	109267	44.65	nq	# 57
57) Fluorene	10.40	166	338888	42.46	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	73325	37.75	nq	97
59) Diethylphthalate	10.28	149	377403	40.84	nq	# 94
60) 4-Chlorophenyl-phenylether	10.40	204	145126	38.80	nq	# 72
61) 4-Nitroaniline	10.42	138	108184	46.89	nq	92
62) Azobenzene	10.54	77	409468	40.43	nq	98
64) 4,6-Dinitro-2-methylphenol	10.44	198	54454	37.49	nq	83
65) n-Nitrosodiphenylamine	10.51	169	311449	39.21	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	89418	36.90	nq	97
67) Hexachlorobenzene	10.94	284	106639	40.70	nq	96
68) Atrazine	11.04	200	86598	37.75	nq	97
69) Pentachlorophenol	11.13	266	61440	41.83	nq	97
70) Phenanthrene	11.36	178	534510	40.96	nq	100
71) Anthracene	11.40	178	465445	36.24	nq	100
72) Carbazole	11.56	167	550240	42.42	nq	99
73) Di-n-butylphthalate	11.89	149	579686	36.66	nq	100
74) Fluoranthene	12.53	202	516308	36.19	nq	99
76) Benzidine	12.66	184	329428	39.15	nq	99
77) Pyrene	12.76	202	546837	35.72	nq	99
79) Butylbenzylphthalate	13.39	149	305199	41.68	nq	99
80) Benzo(a)anthracene	13.95	228	473560	35.19	nq	98
81) 3,3'-Dichlorobenzidine	13.92	252	203990	40.49	nq	98
82) Chrysene	13.99	228	459239	35.70	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	388919	38.75	nq	99
84) Di-n-octyl phthalate	14.56	149	681413	38.53	nq	98
85) Indeno(1,2,3-cd)pyrene	16.73	276	500690	39.98	nq	99
87) Benzo(b)fluoranthene	14.97	252	527205	38.51	nq	99
88) Benzo(k)fluoranthene	14.99	252	446016m	38.68	nq	
89) Benzo(a)pyrene	15.31	252	471395	39.96	nq	99
90) Dibenzo(a,h)anthracene	16.74	278	420367	41.34	nq	98
91) Benzo(g,h,i)perylene	17.14	276	402218	40.81	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

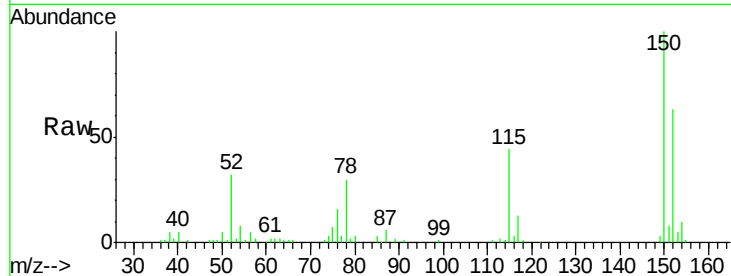
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
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ClientSampleId :
ICVBF080615

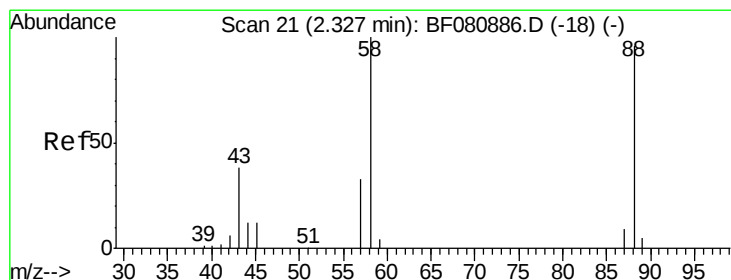
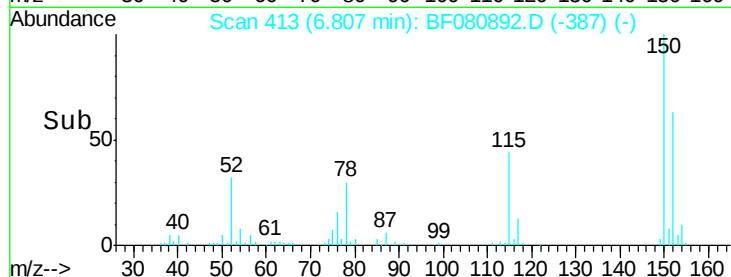
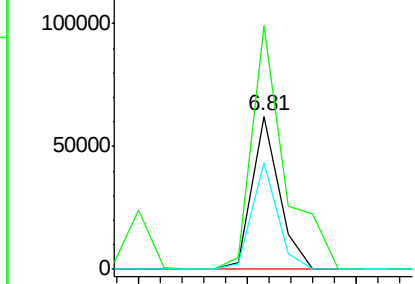
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	132.2	198.2
115	69.8	54.9	82.3

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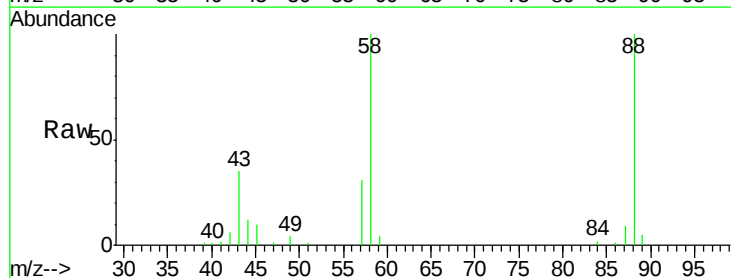
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



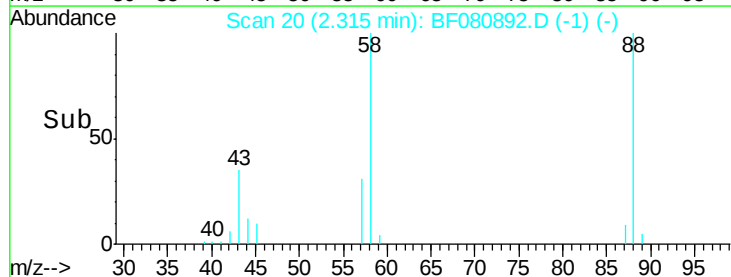
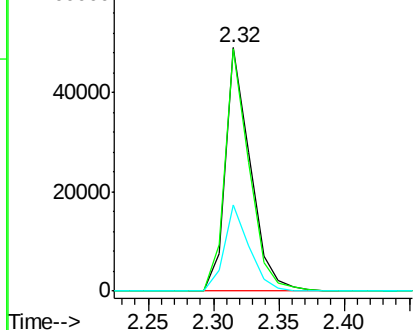
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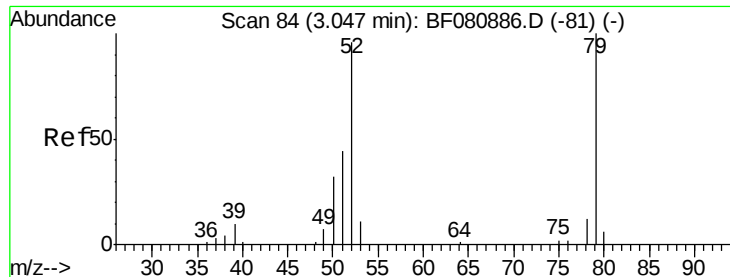
1,4-Dioxane
Concen: 39.41 ng
RT: 2.32 min Scan# 20
Delta R.T. -0.01 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.6	78.2	117.4
43	35.5	29.1	43.7



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.84 ng

RT: 3.02 min Scan# 82

Delta R.T. -0.02 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

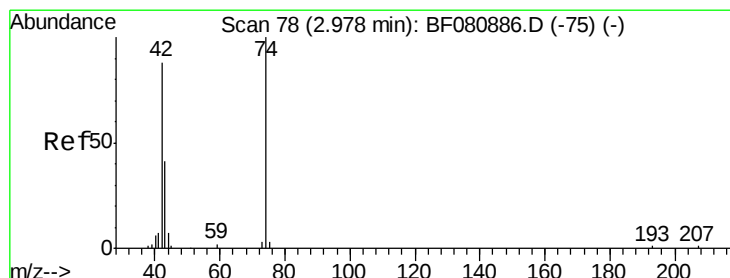
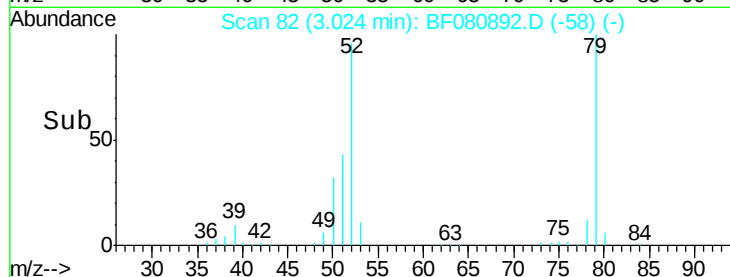
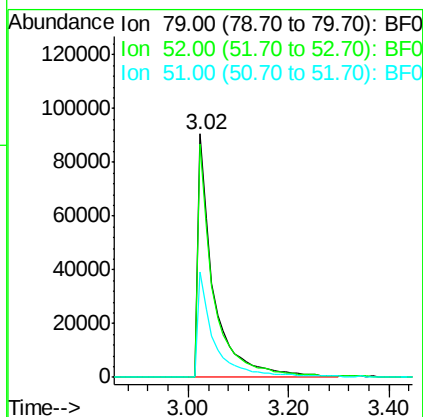
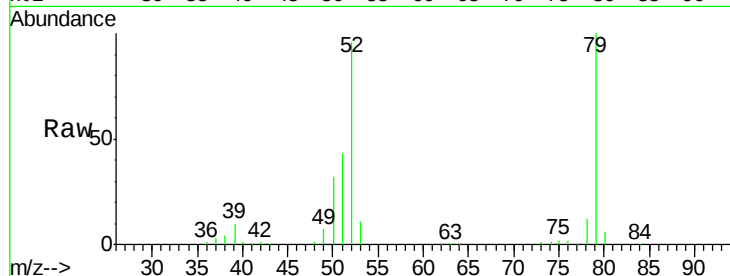
ClientSampleId :

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Tot Ion:	79	Resp:	19885
Ion	Ratio	Lower	Upper
79	100		
52	95.8	76.7	115.1
51	43.3	35.8	53.6



#4

n-Nitrosodimethylamine

Concen: 40.60 ng

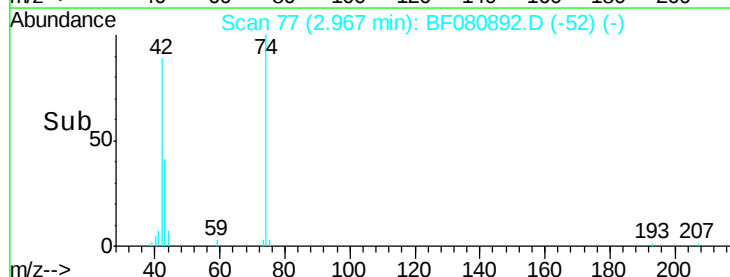
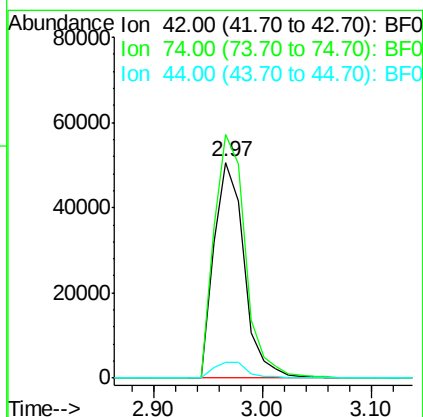
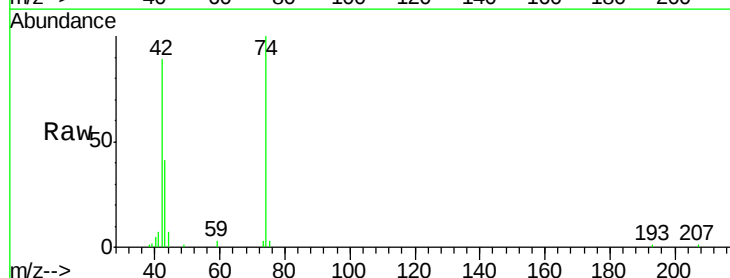
RT: 2.97 min Scan# 77

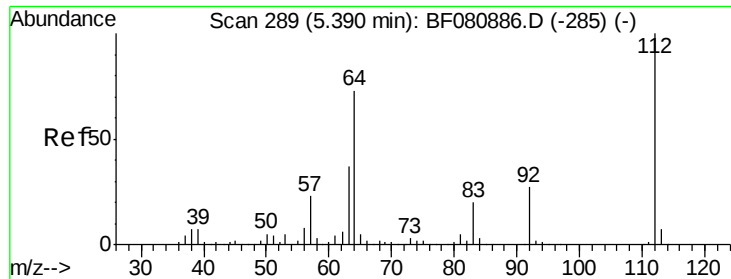
Delta R.T. -0.01 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Tgt Ion:	42	Resp:	97521
Ion	Ratio	Lower	Upper
42	100		
74	112.7	90.6	135.8
44	7.3	6.6	10.0





#5

2-Fluorophenol

Concen: 85.65 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

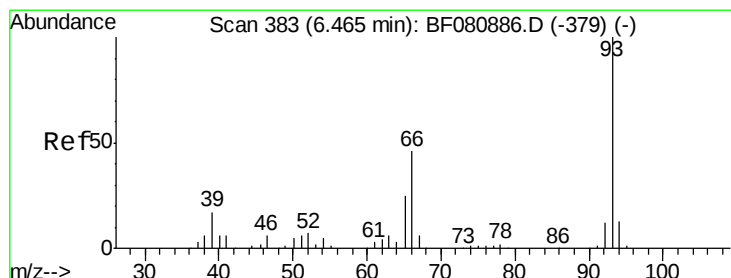
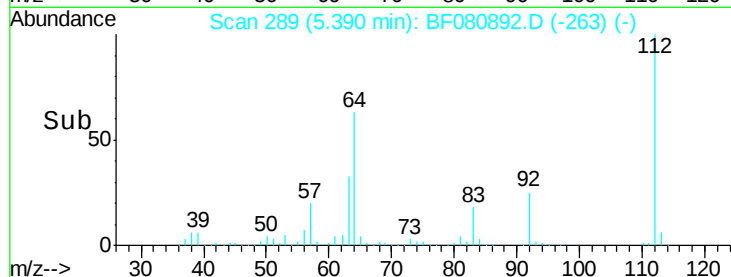
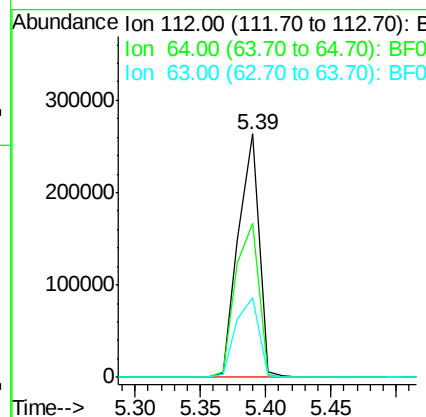
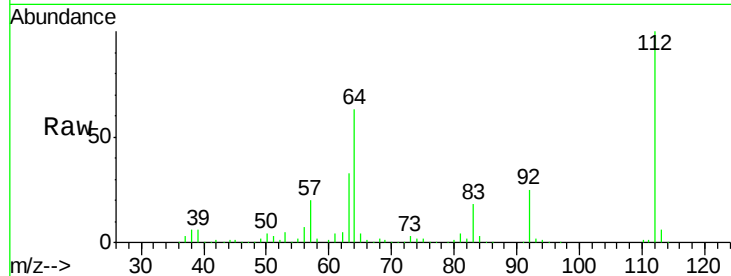
ClientSampleId :

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Tot Ion:	112	Resp:	291907
Ion Ratio	Lower	Upper	
112	100		
64	63.3	58.0	87.0
63	33.0	29.8	44.8

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#6

Aniline

Concen: 39.96 ng

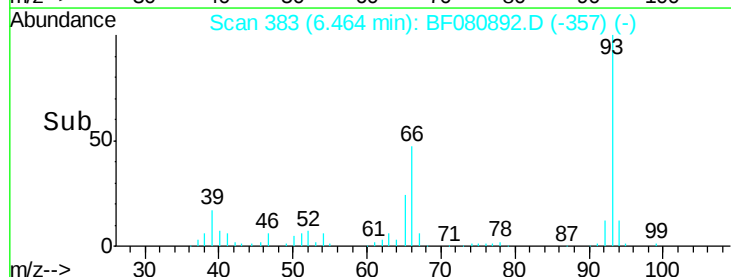
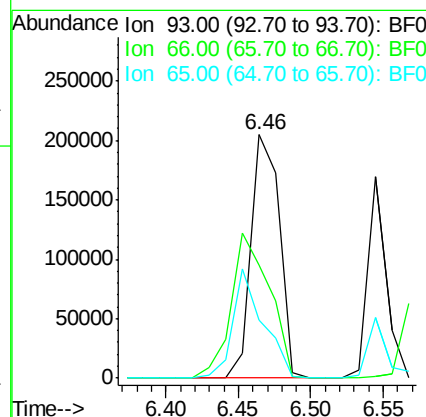
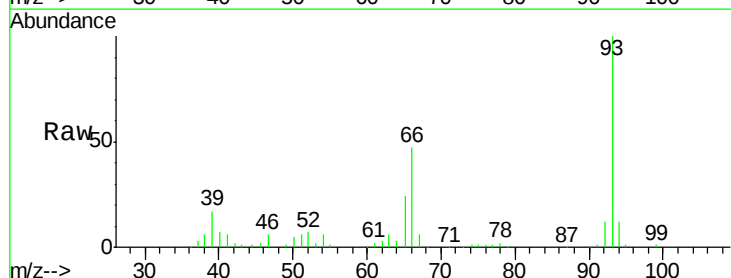
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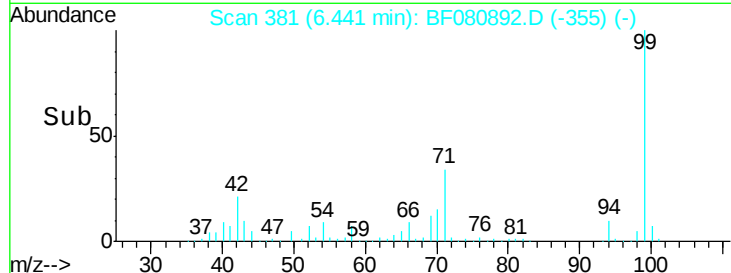
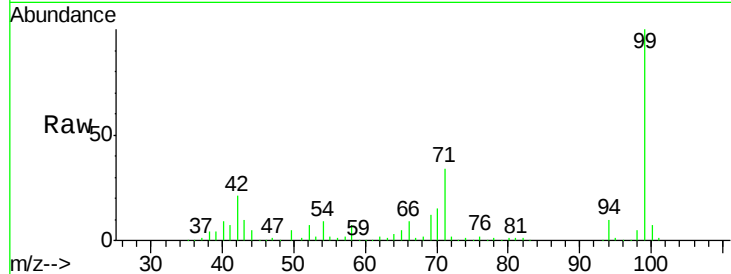
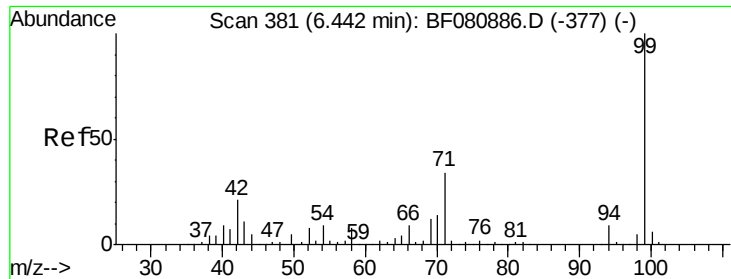
Delta R.T. -0.00 min

Lab File: BF080892.D

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Tgt Ion:	93	Resp:	278059
Ion Ratio	Lower	Upper	
93	100		
66	46.7	37.4	56.0
65	23.6	19.8	29.6





#7

Phenol-d6

Concen: 81.02 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Tot Ion:	99	Resp:	380090
Ion Ratio	Lower	Upper	
99	100		
42	20.6	16.8	25.2
71	33.7	27.4	41.0

Instrument :

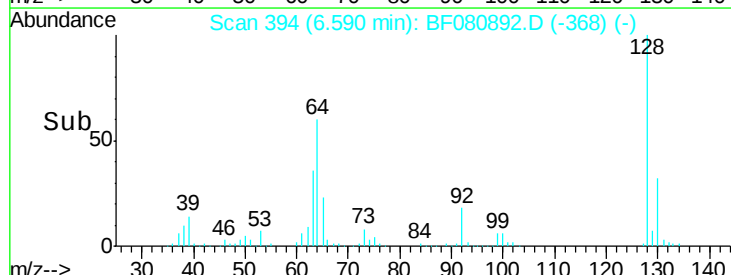
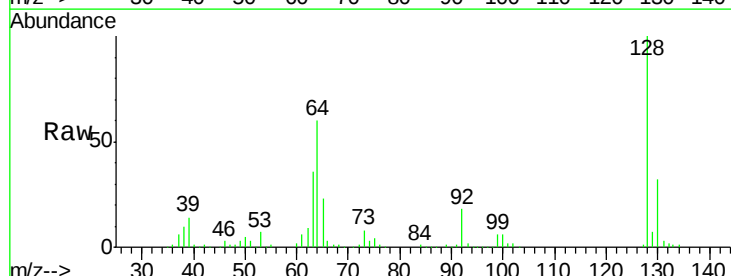
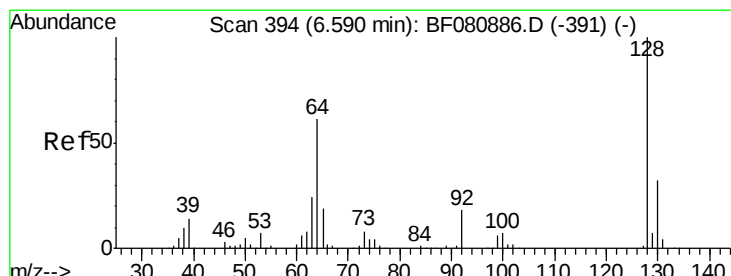
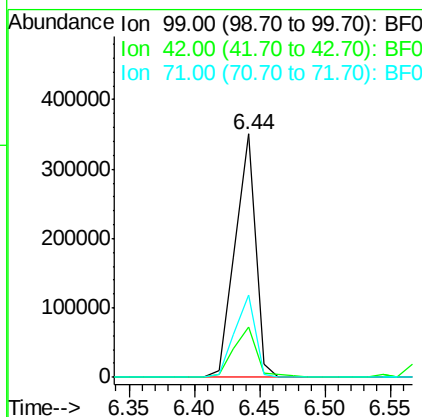
BNA_F

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#8

2-Chlorophenol

Concen: 42.42 ng

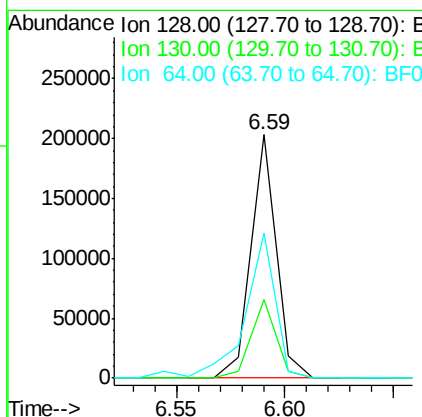
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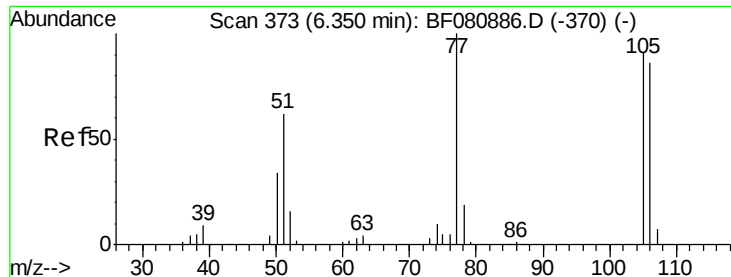
Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Tgt Ion:	128	Resp:	164156
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.1	52.1
64	59.7	41.3	81.3





#9

Benzaldehyde

Concen: 38.55 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

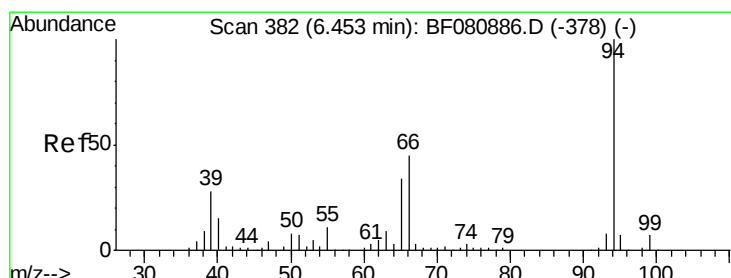
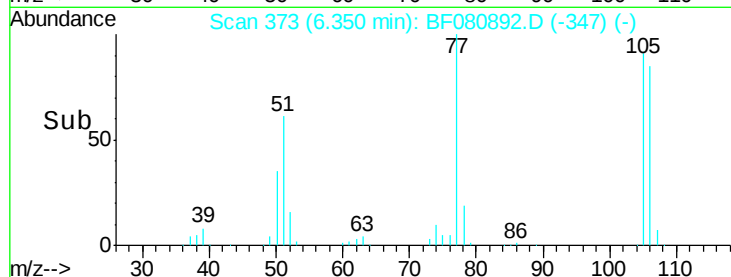
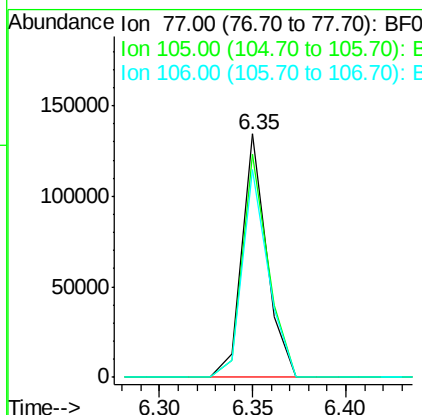
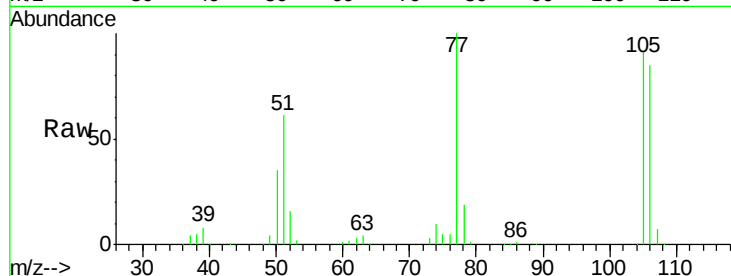
ClientSampleId :

ICVBF080615

Tot Ion:	77	Resp:	124600
Ion Ratio	Lower	Upper	
77	100		
105	91.5	70.7	110.7
106	85.4	66.1	106.1

Manual Integrations
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8/10/2015 10:15:03 AM



#10

Phenol

Concen: 42.02 ng

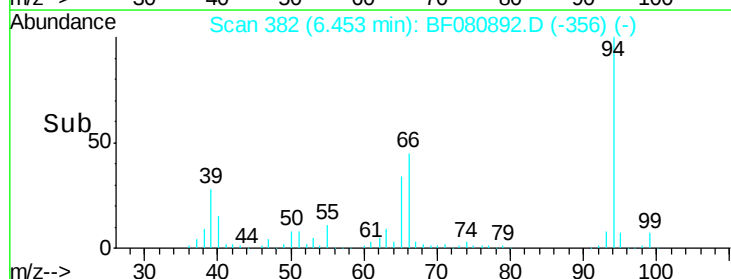
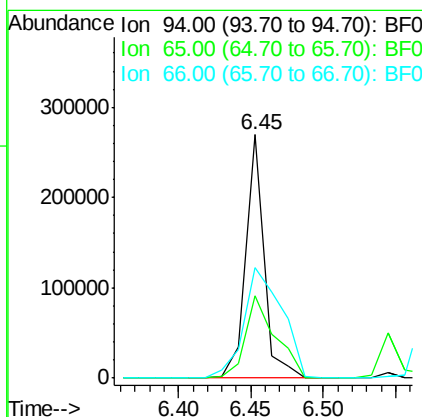
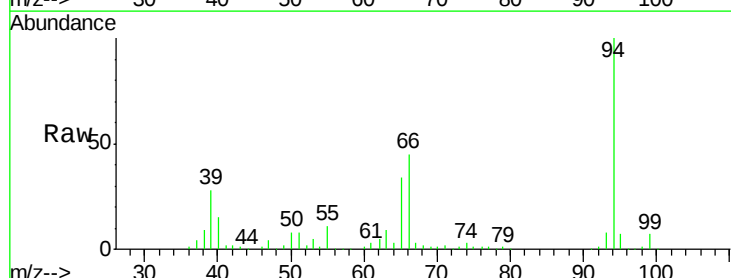
RT: 6.45 min Scan# 382

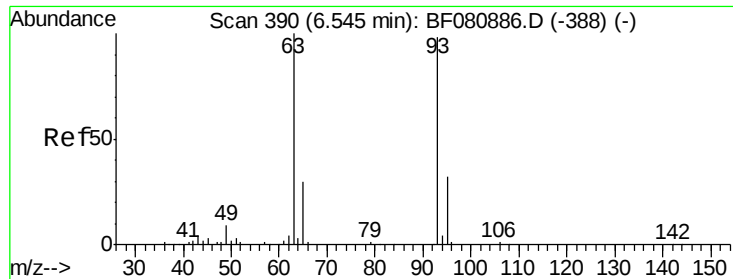
Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Tgt Ion:	94	Resp:	236559
Ion Ratio	Lower	Upper	
94	100		
65	34.0	14.0	54.0
66	45.3	24.6	64.6





#11

bis(2-Chloroethyl)ether

Concen: 37.16 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

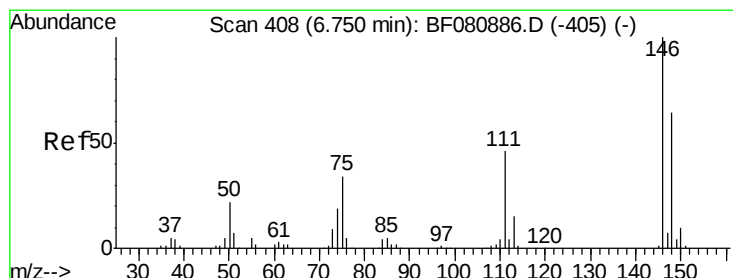
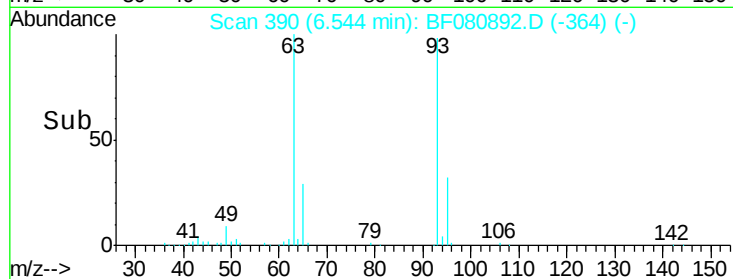
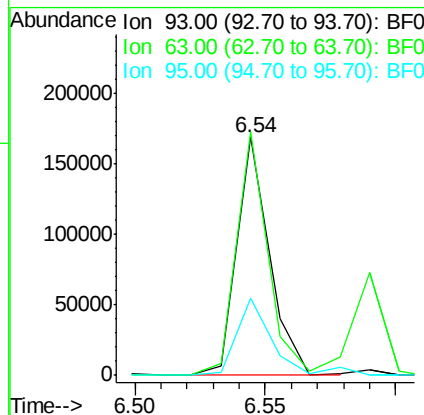
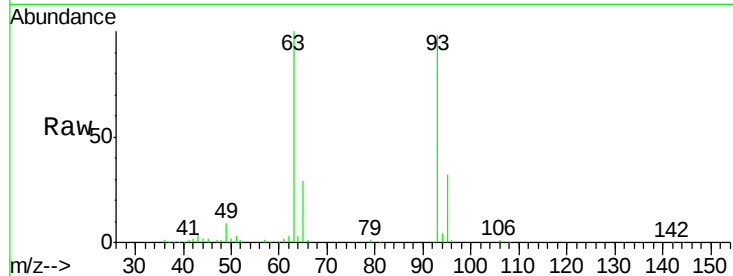
ClientSampleId :

ICVBF080615

Tot Ion:	93	Resp:	148102
Ion Ratio	Lower	Upper	
93	100		
63	102.2	81.4	121.4
95	32.6	12.1	52.1

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 41.63 ng

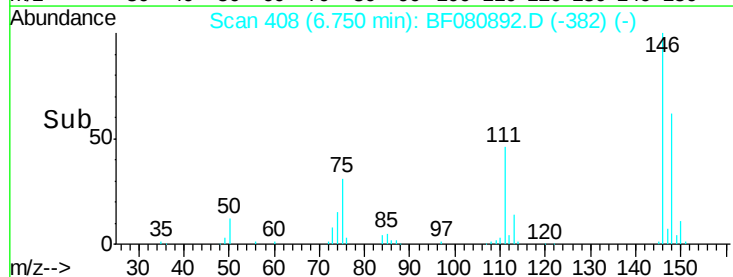
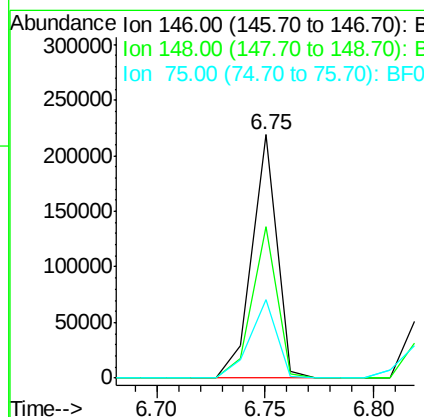
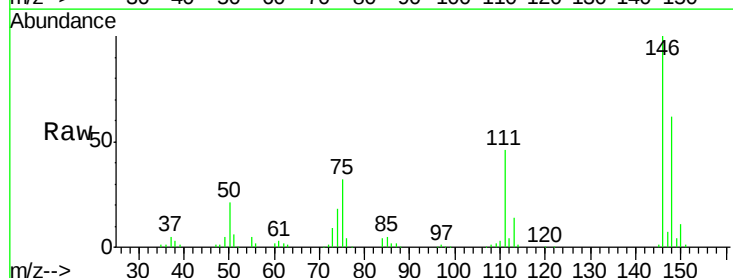
RT: 6.75 min Scan# 408

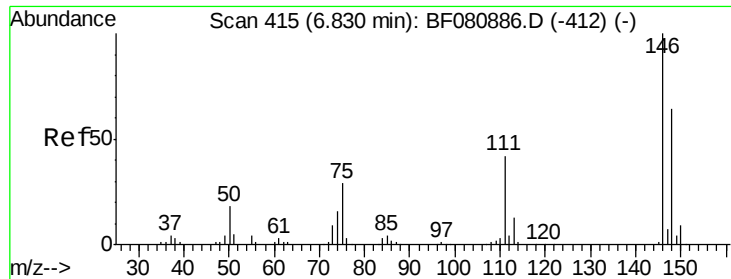
Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Tgt Ion:	146	Resp:	174753
Ion Ratio	Lower	Upper	
146	100		
148	62.2	51.3	76.9
75	32.4	27.0	40.4





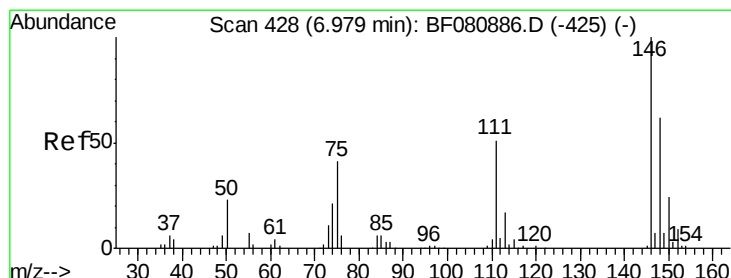
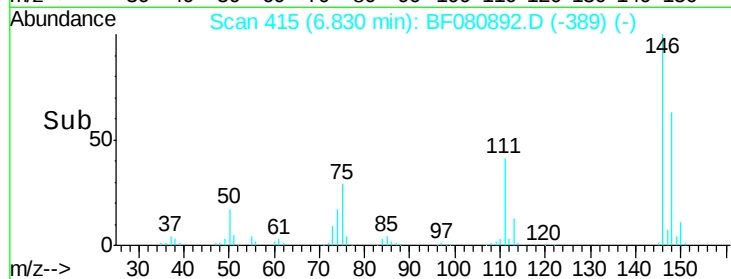
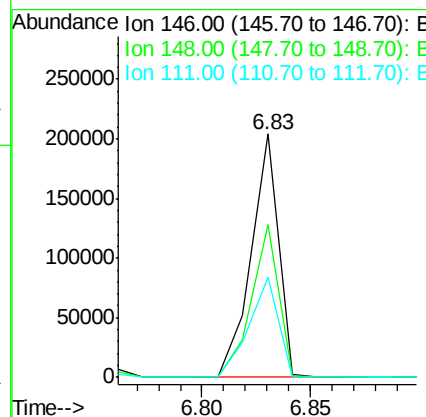
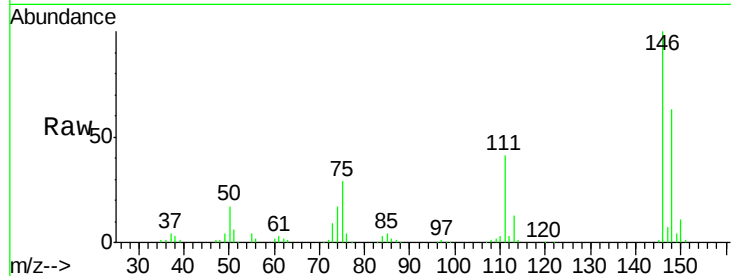
#13
 1,4-Dichlorobenzene
 Concen: 41.43 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080615

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.5	77.3
111	41.4	33.8	50.6

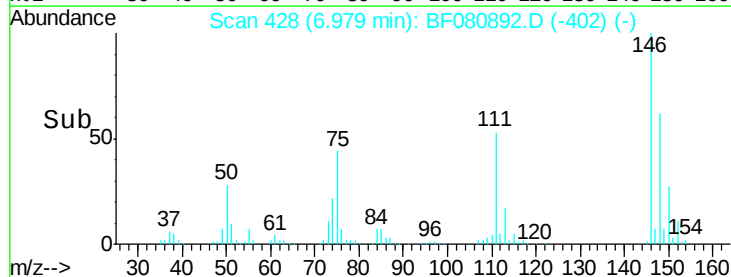
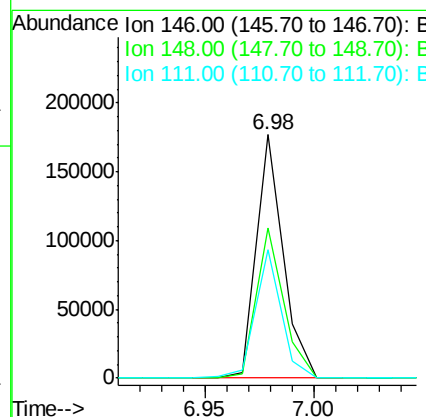
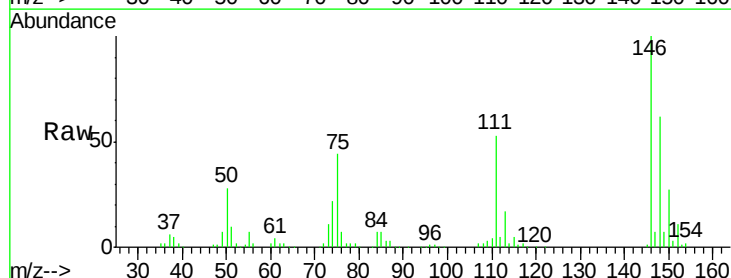
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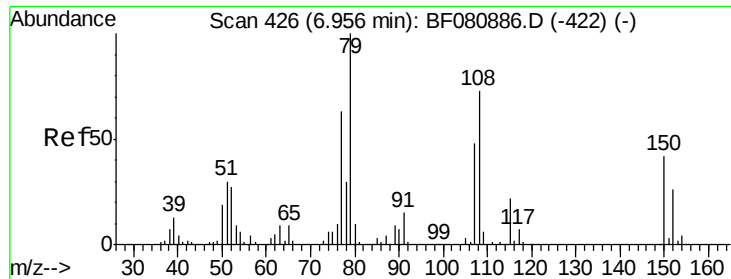
MMDadoda
 8/10/2015 10:15:03 AM



#14
 1,2-Dichlorobenzene
 Concen: 38.55 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.0	75.0
111	52.6	41.0	61.6





#15

Benzyl Alcohol

Concen: 43.44 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

ClientSampleId :

ICVBF080615

Tot Ion: 79 Resp: 161670

Ion Ratio Lower Upper

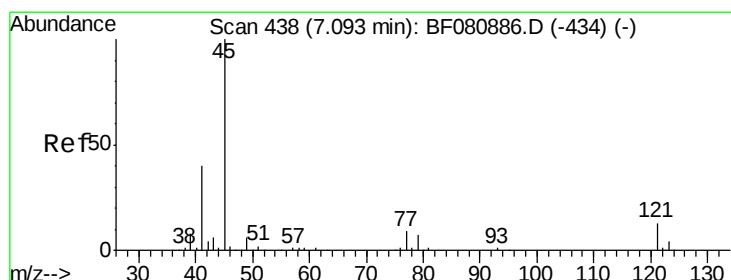
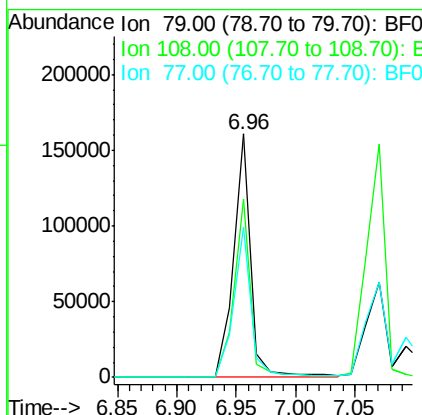
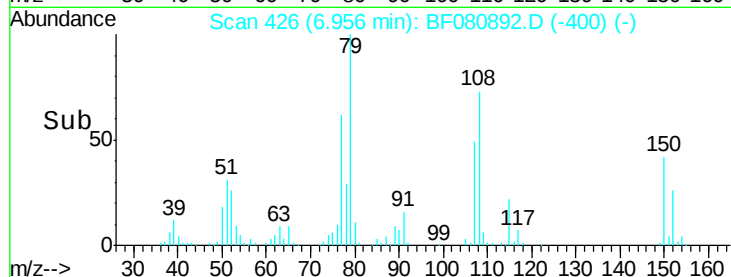
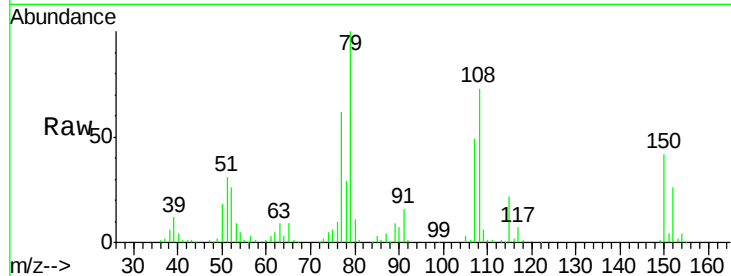
79 100

108 73.1 58.2 87.2

77 61.8 50.0 75.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.93 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

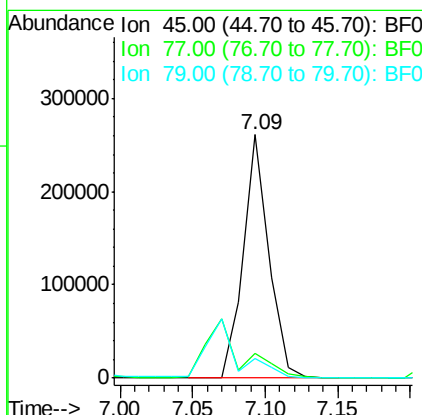
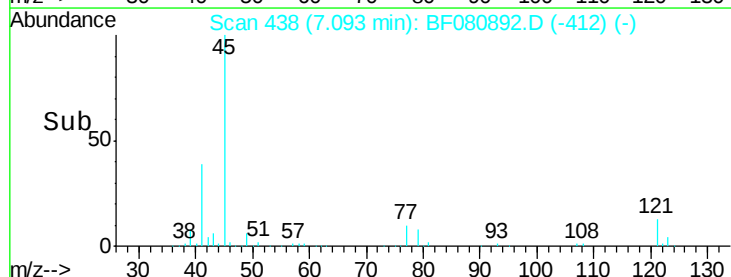
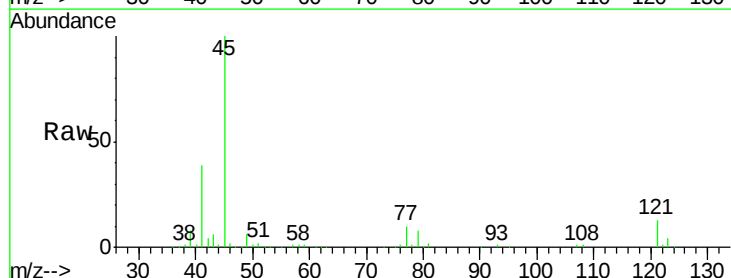
Tgt Ion: 45 Resp: 318427

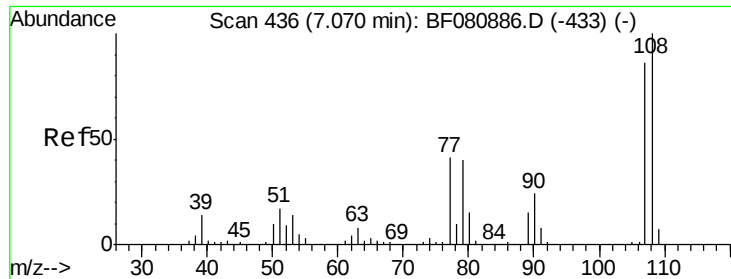
Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.1

79 8.0 0.0 27.6





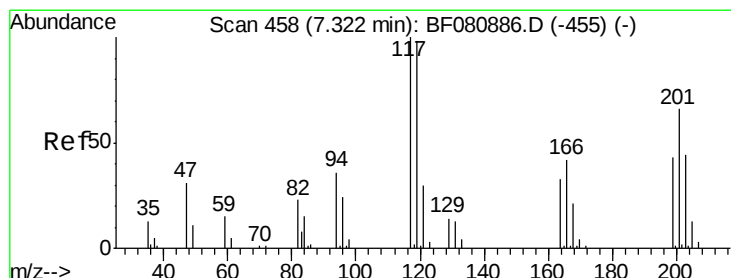
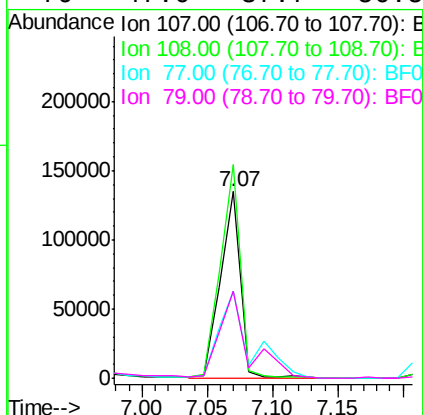
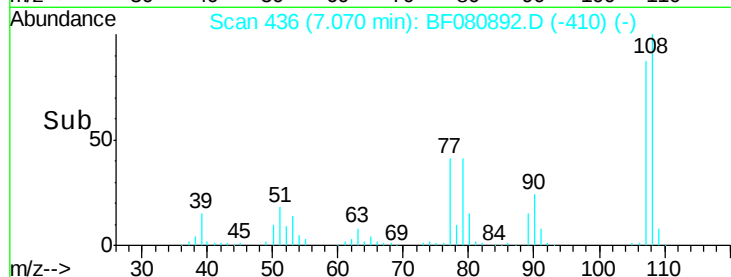
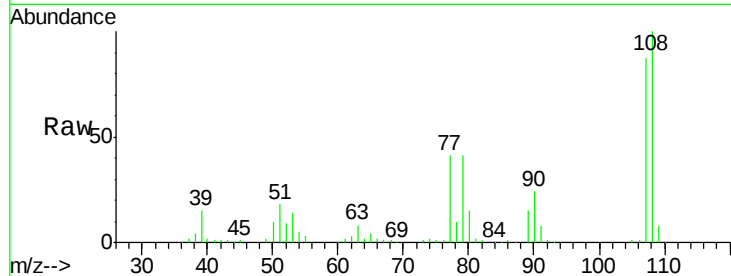
#17
2-Methylphenol
Concen: 42.29 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampleId :
ICVBF080615

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	93.1	139.7	
77	46.8	38.2	57.2	
79	47.0	37.7	56.5	

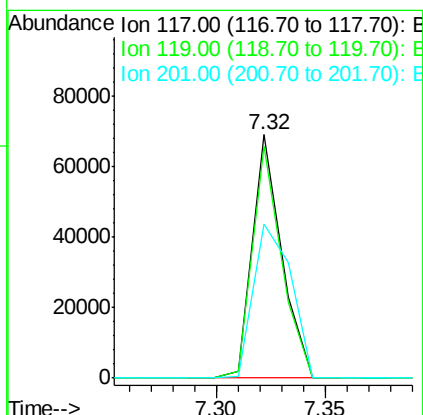
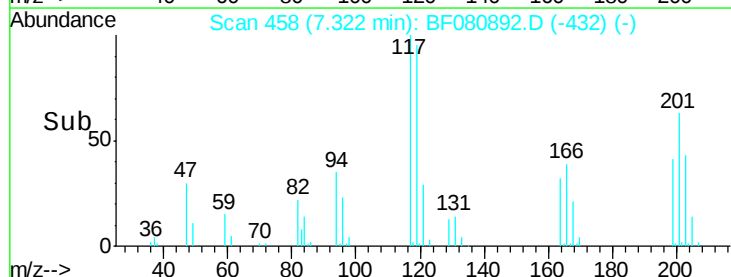
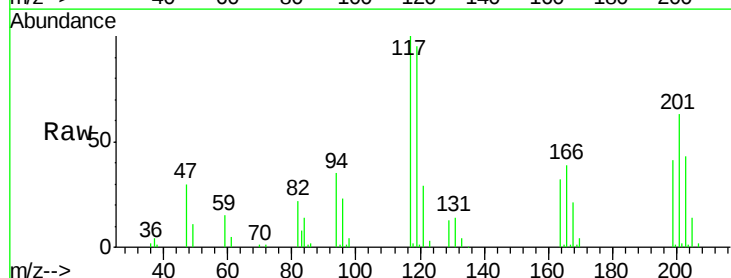
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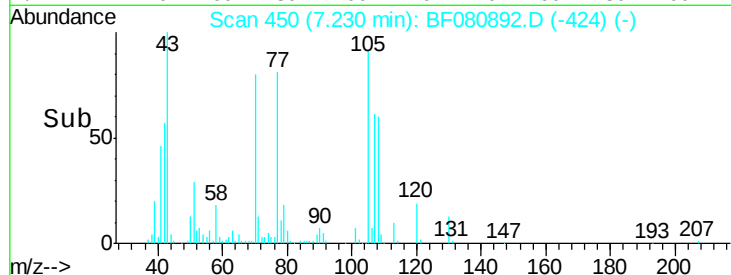
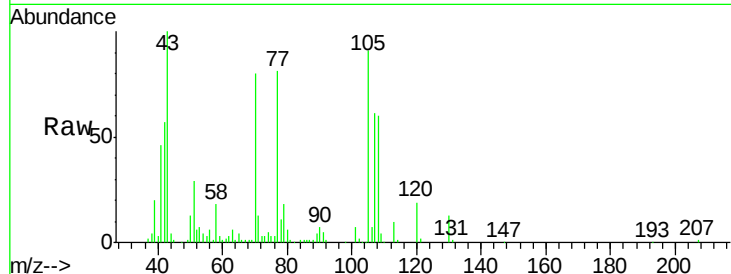
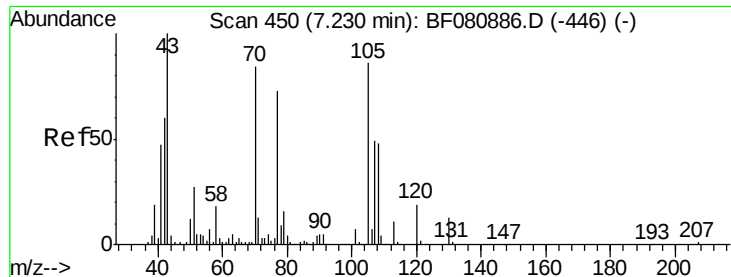
MMDadoda
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#18
Hexachloroethane
Concen: 39.62 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	78.4	117.6	
201	63.1	53.1	79.7	





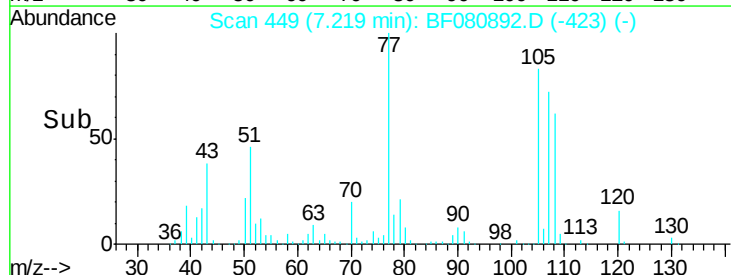
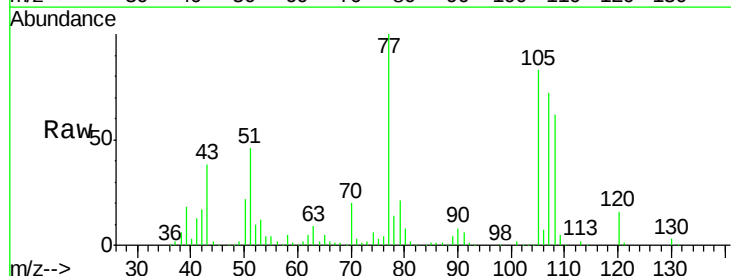
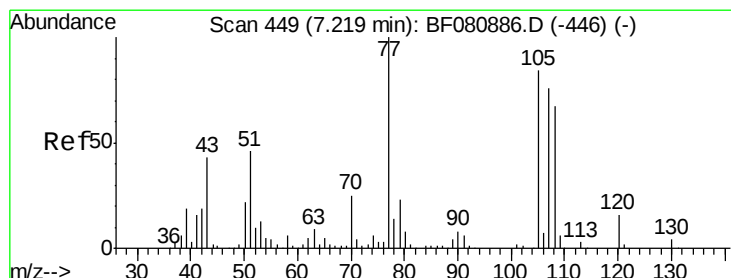
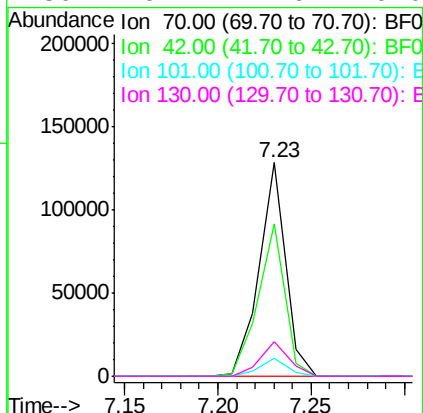
#19
n-Nitroso-di-n-propylamine
Concen: 37.79 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampleId :
ICVBF080615

Manual Integrations
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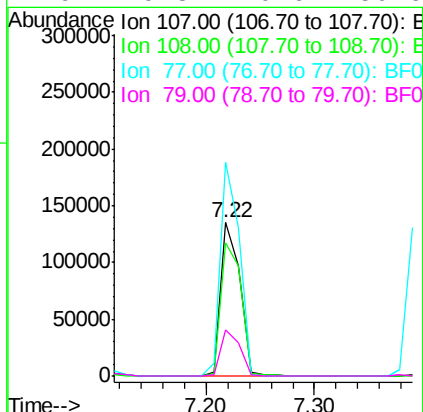
MMDadoda
8/10/2015 10:15:03 AM

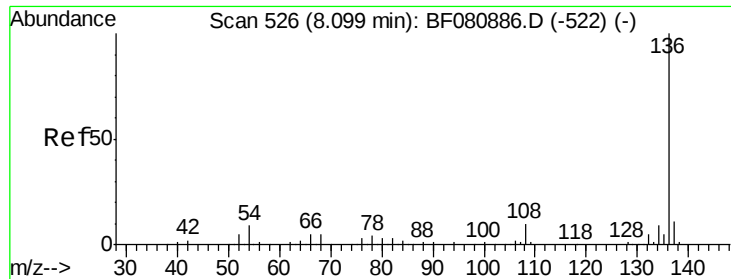
Tot Ion	Ratio	Lower	Upper
70	100		
42	71.6	57.2	85.8
101	8.3	6.6	9.8
130	16.1	12.6	19.0



#20
3+4-Methylphenols
Concen: 39.46 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	67.3	107.3
77	139.6	111.2	151.2
79	29.8	10.6	50.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

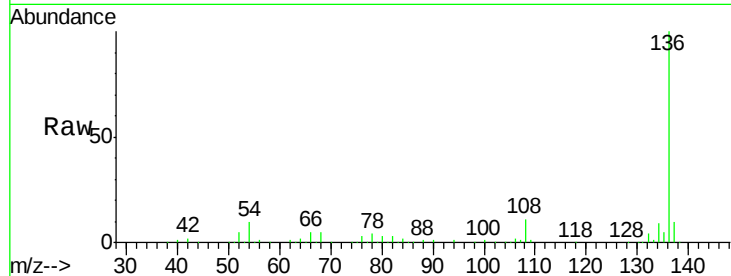
ClientSampleId :

ICVBF080615

Tot Ion	Ratio	Resp	Lower	Upper
136	100	233464		
137	10.4	8.6	12.8	
54	9.9	7.5	11.3	
68	5.4	4.2	6.2	

Manual Integrations
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MMDadoda
8/10/2015 10:15:03 AM

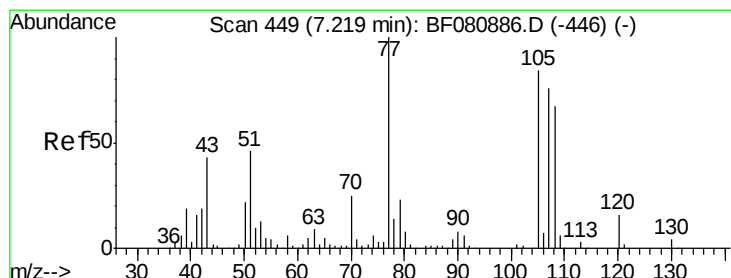
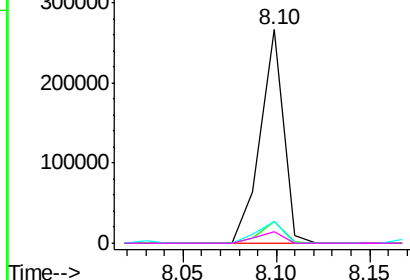
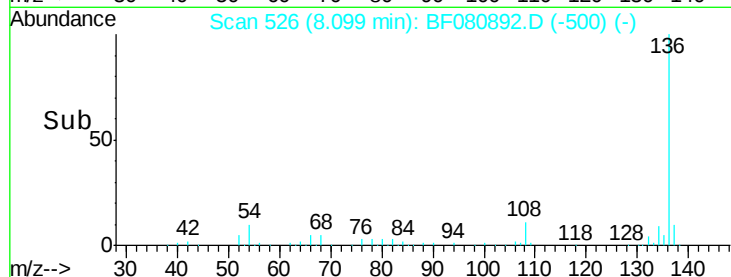


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.89 ng

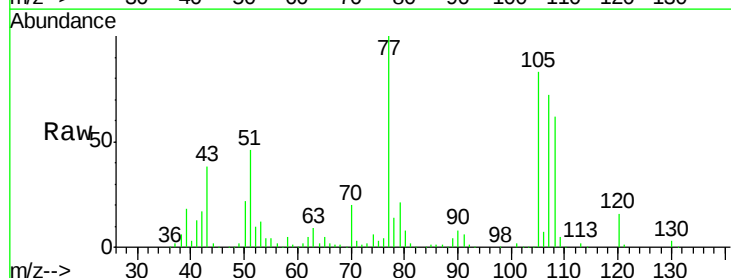
RT: 7.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	215402		
71	3.8	3.8	5.8#	
51	55.5	44.2	66.4	
120	19.5	15.4	23.0	

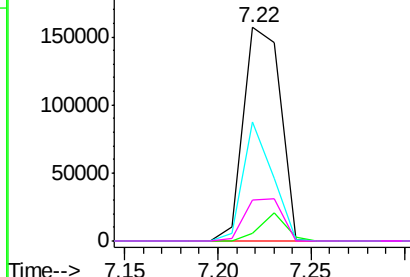
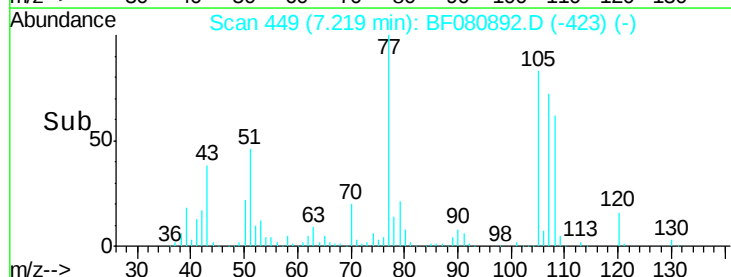


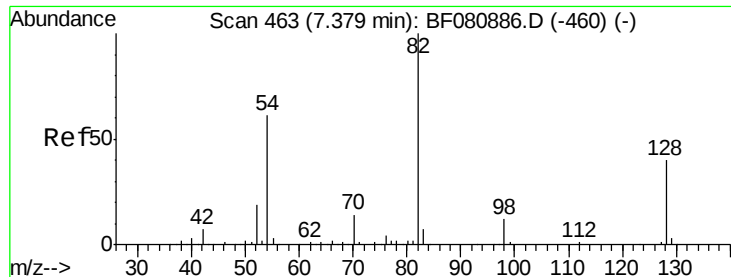
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





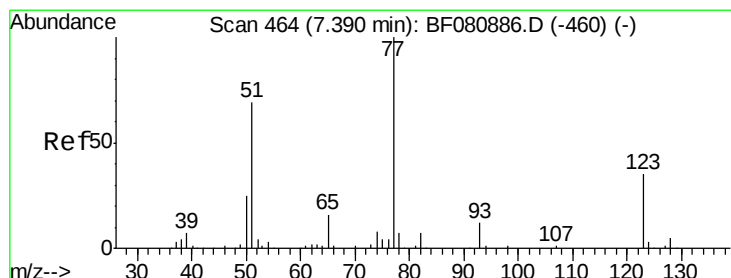
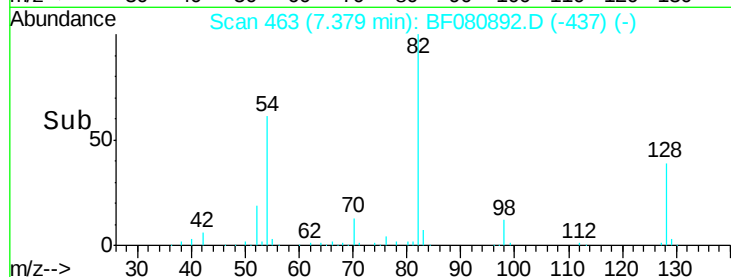
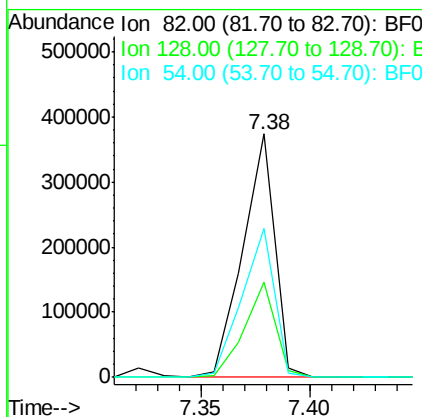
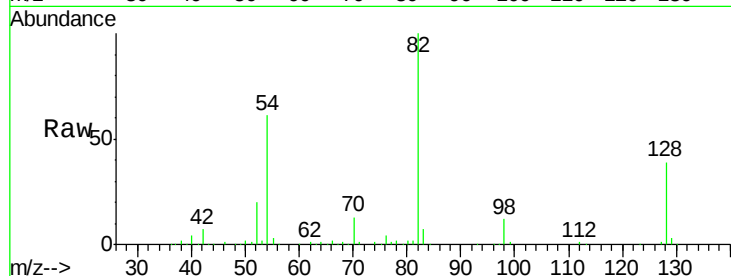
#23
 Nitrobenzene-d5
 Concen: 77.08 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080615

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.3	31.8	47.6	
54	61.2	48.6	72.8	

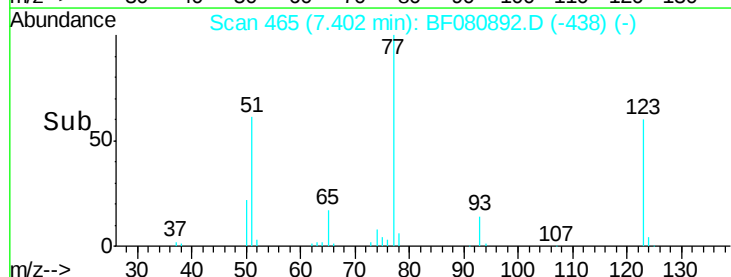
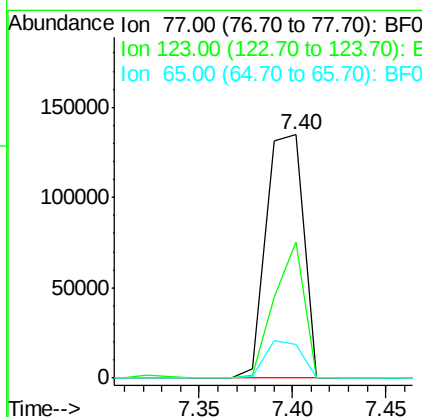
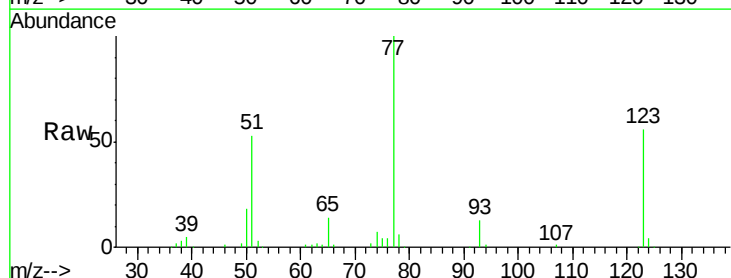
Manual Integrations
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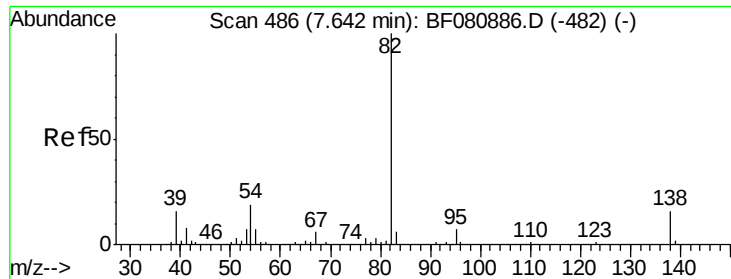
MMDadoda
 8/10/2015 10:15:03 AM



#24
 Nitrobenzene
 Concen: 36.90 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.01 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	55.7	28.3	42.5#	
65	13.8	12.5	18.7	





#25

Isophorone

Concen: 39.69 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

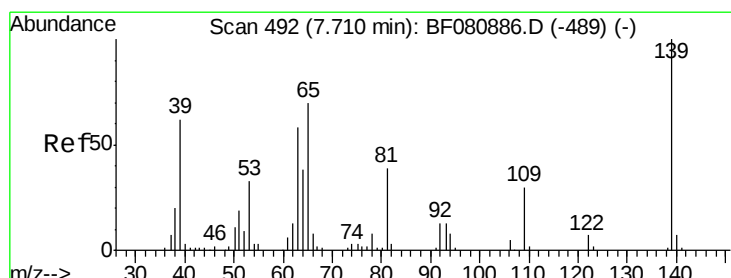
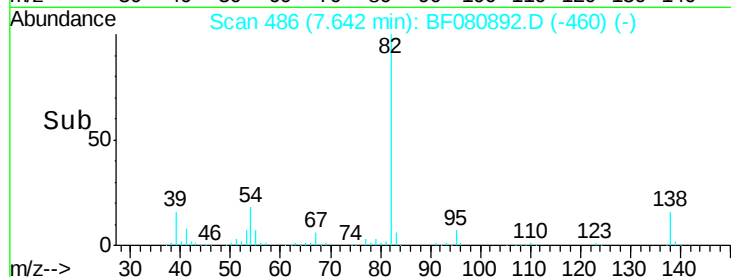
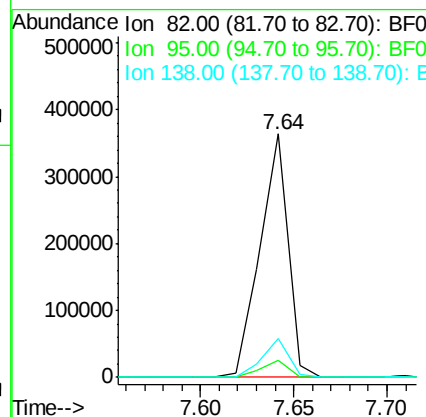
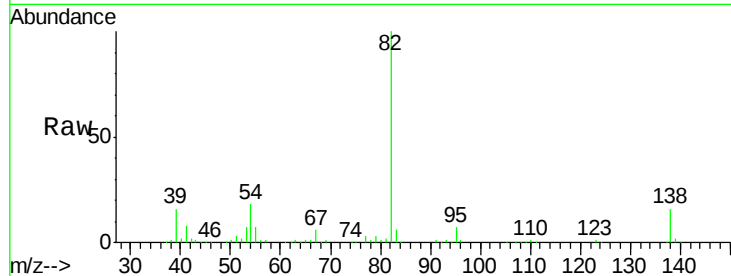
ClientSampleId :

ICVBF080615

Tot Ion:	82	Resp:	377015
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.7	8.5
138	15.9	13.0	19.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.31 ng

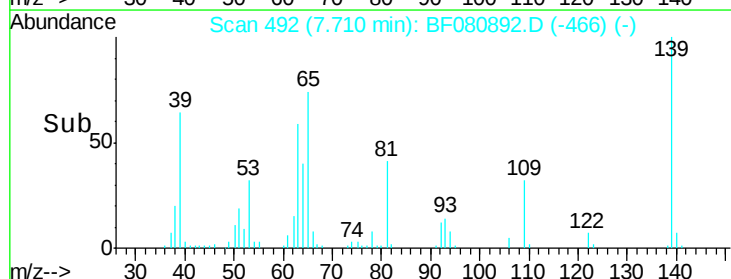
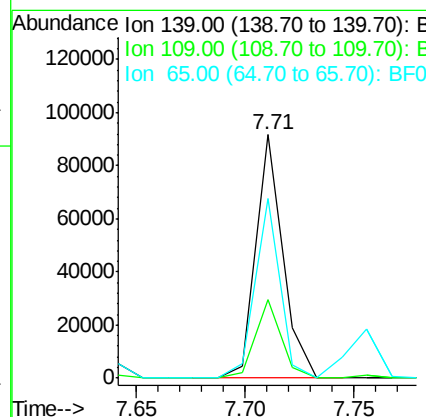
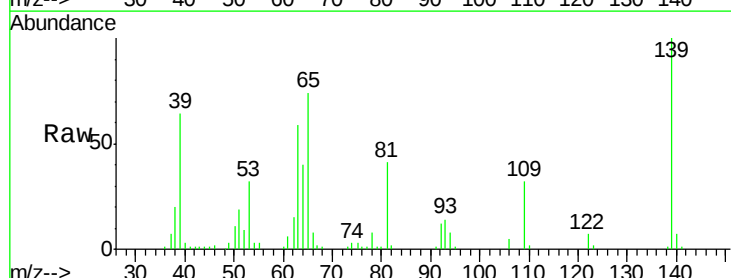
RT: 7.71 min Scan# 492

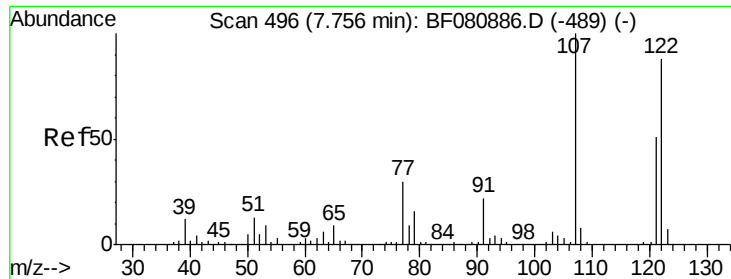
Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Tgt Ion:	139	Resp:	79081
Ion Ratio	Lower	Upper	
139	100		
109	32.0	24.2	36.4
65	73.6	55.6	83.4





#27

2,4-Dimethylphenol

Concen: 40.81 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

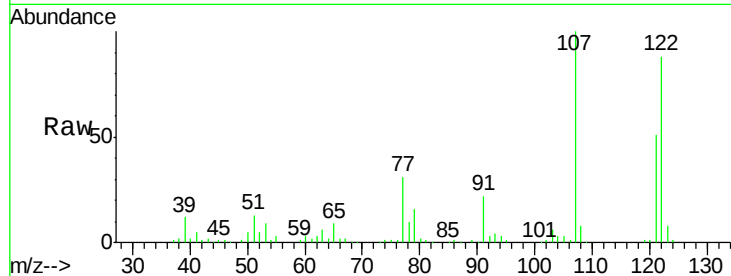
ClientSampleId :

ICVBF080615

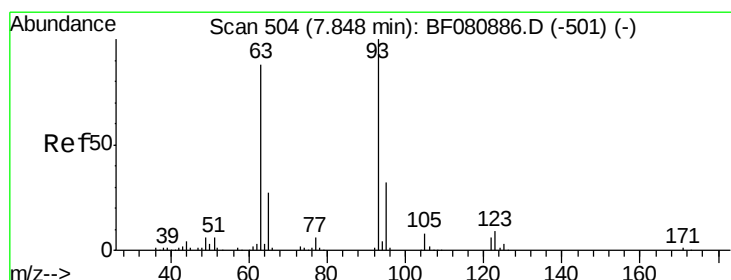
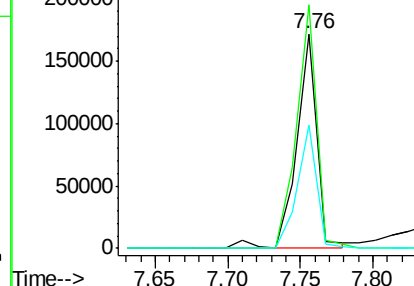
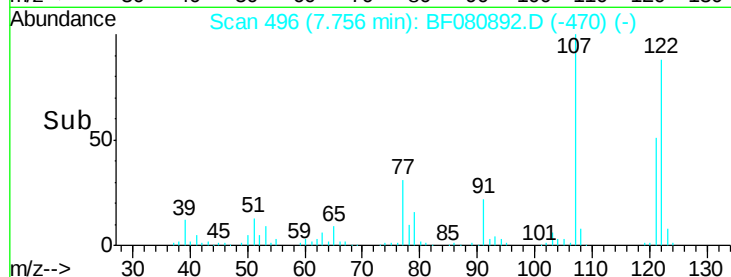
Tot Ion:	122	Resp:	165970
Ion Ratio	Lower	Upper	
122	100		
107	113.4	91.1	136.7
121	57.6	46.2	69.4

Manual Integrations
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.03 ng

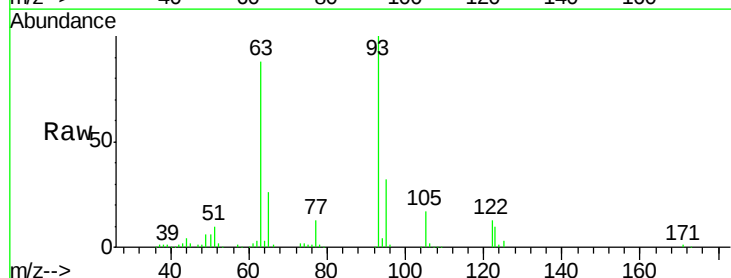
RT: 7.85 min Scan# 504

Delta R.T. -0.00 min

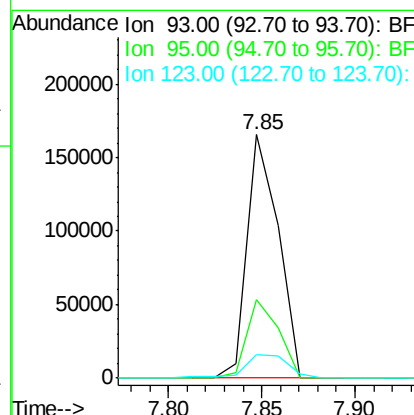
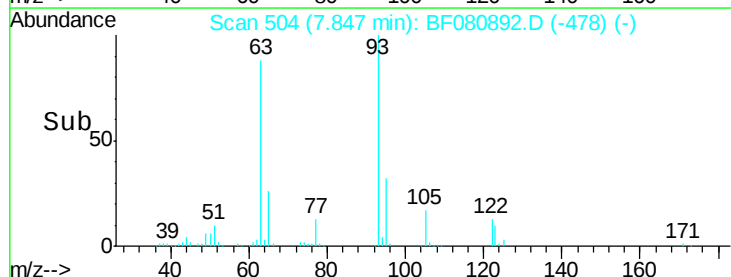
Lab File: BF080892.D

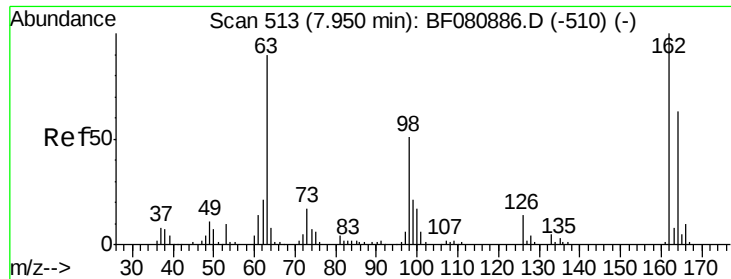
Acq: 6 Aug 2015 16:55

Tgt Ion:	93	Resp:	191584
Ion Ratio	Lower	Upper	
93	100		
95	32.0	25.5	38.3
123	9.8	7.6	11.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





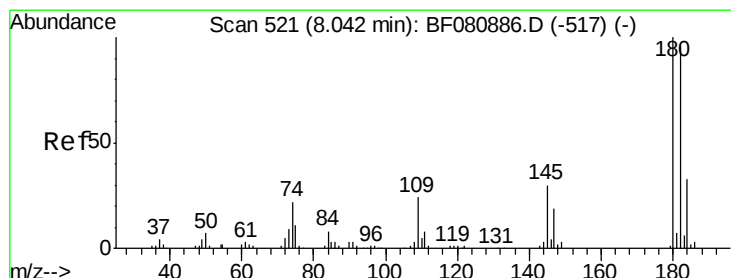
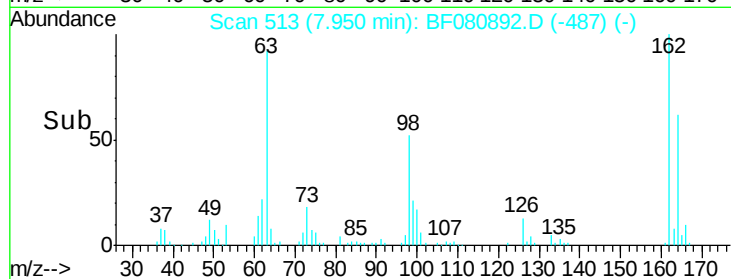
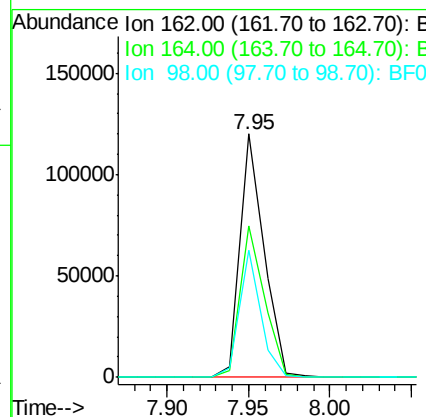
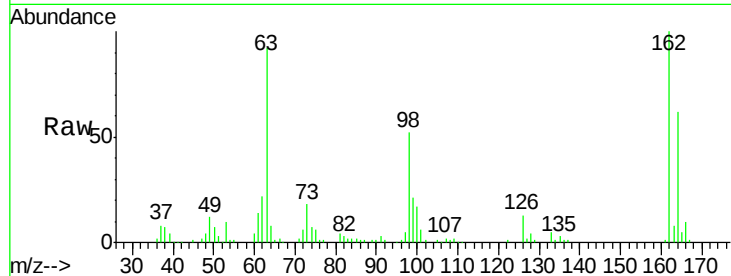
#29
 2,4-Dichlorophenol
 Concen: 37.51 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080615

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		121621		
164	62.1		43.4	83.4	
98	52.3		30.9	70.9	

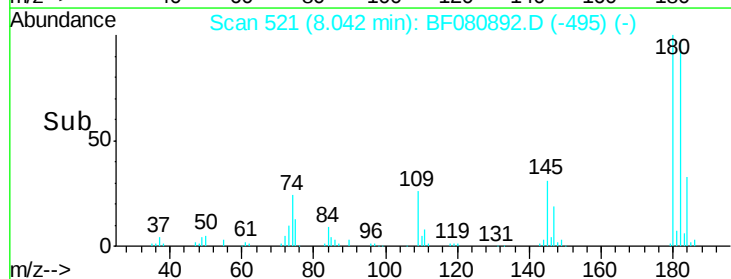
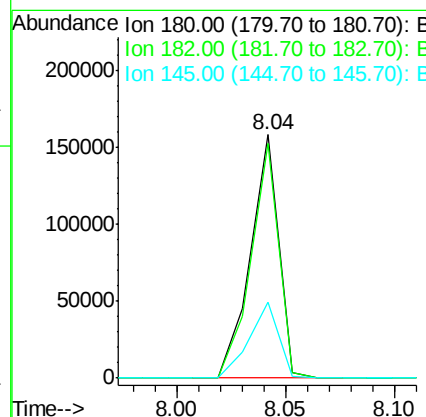
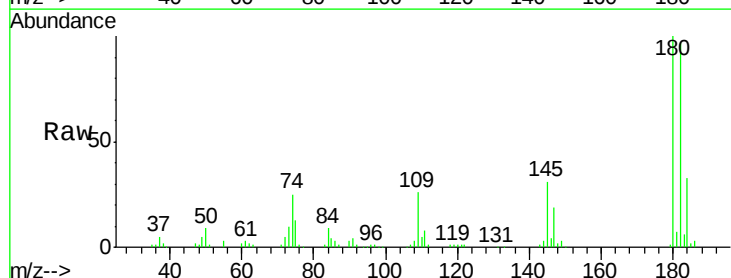
Manual Integrations
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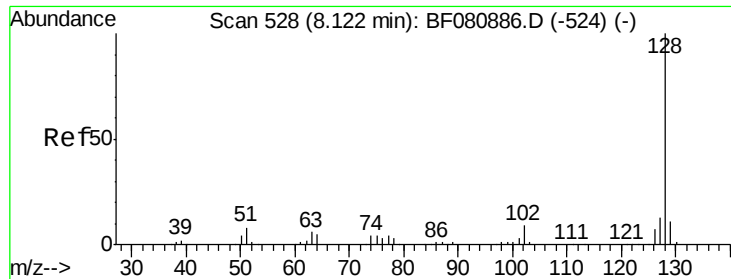
MMDadoda
 8/10/2015 10:15:03 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.60 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		142358		
182	96.6		76.8	115.2	
145	31.3		24.2	36.2	





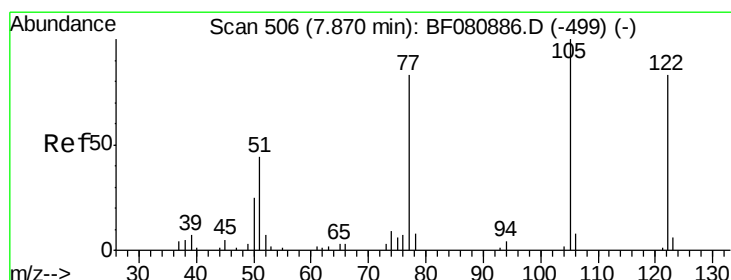
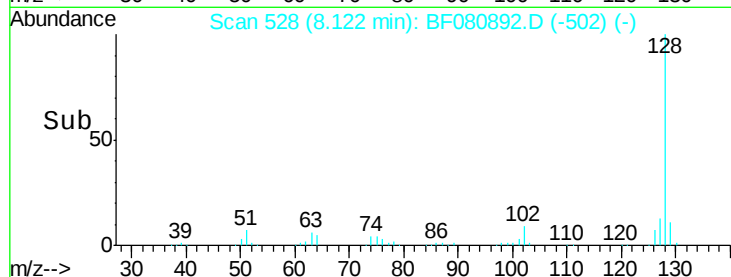
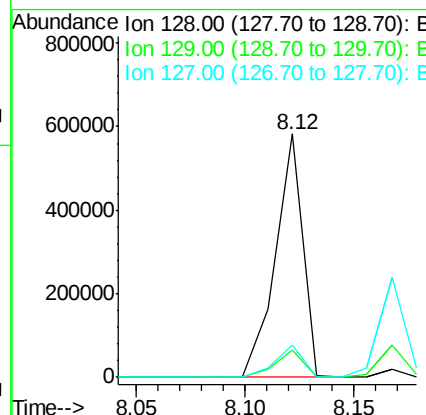
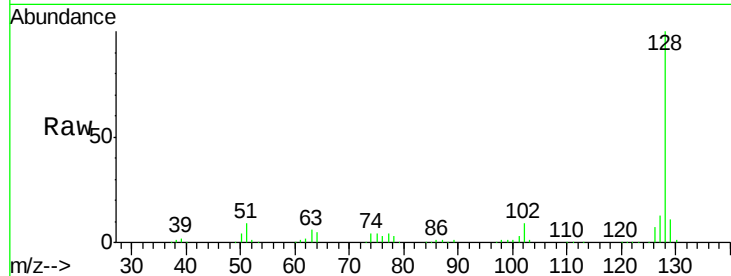
#31
Naphthalene
Concen: 40.69 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampleId :
ICVBF080615

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	8.6	13.0	
127	13.3	10.6	15.8	

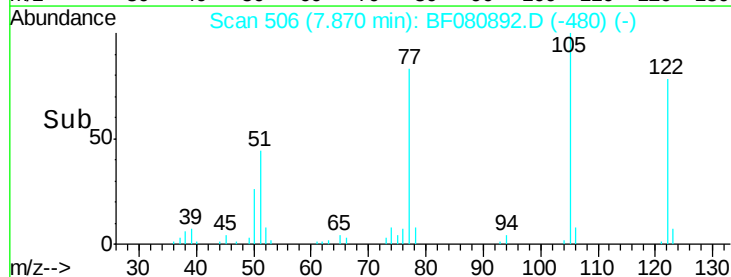
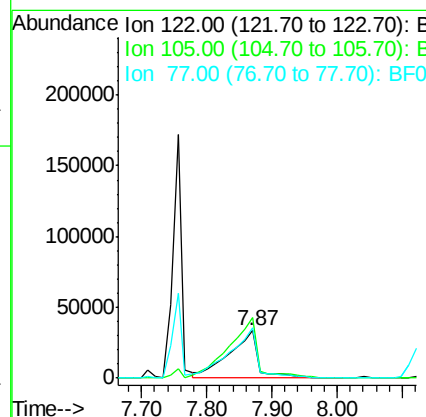
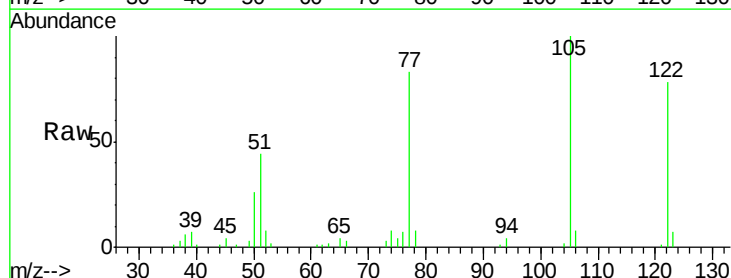
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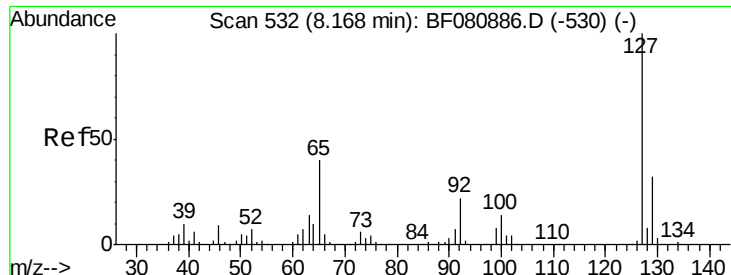
MMDadoda
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#32
Benzoic acid
Concen: 40.43 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	127.9	101.6	141.6	
77	106.1	80.9	120.9	





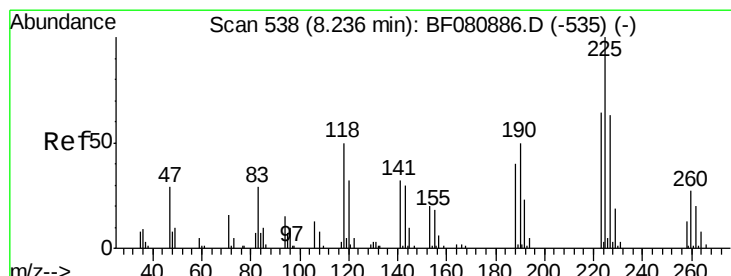
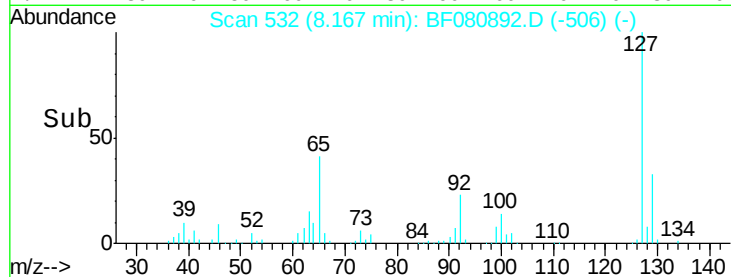
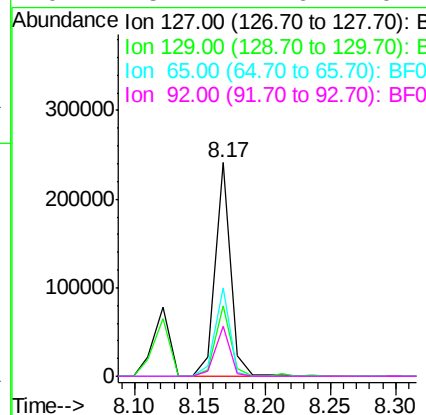
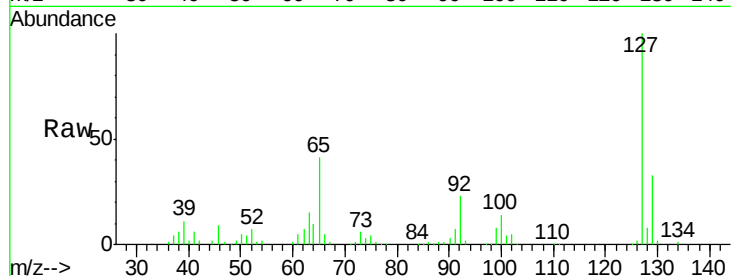
#33
4-Chloroaniline
Concen: 37.98 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampleId :
ICVBF080615

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	25.8	38.8		
65	41.5	31.7	47.5		
92	23.1	17.6	26.4		

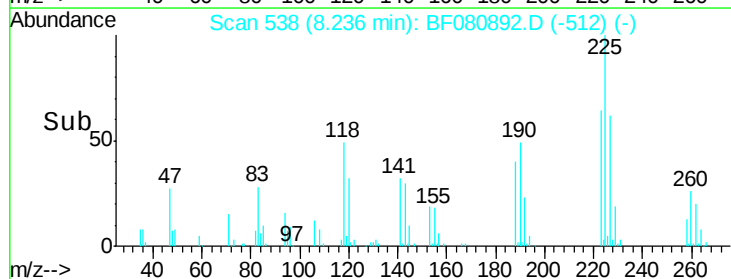
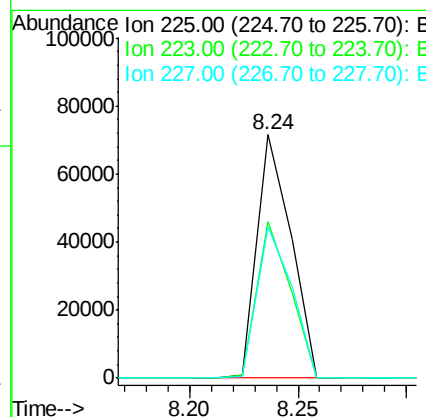
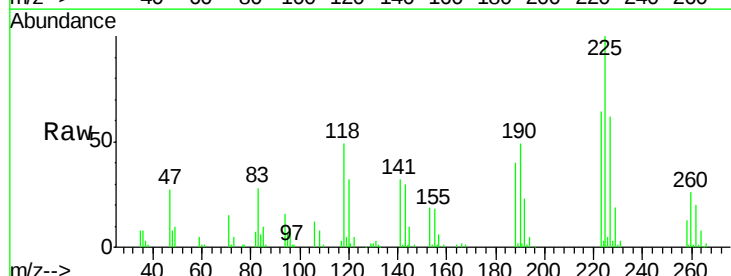
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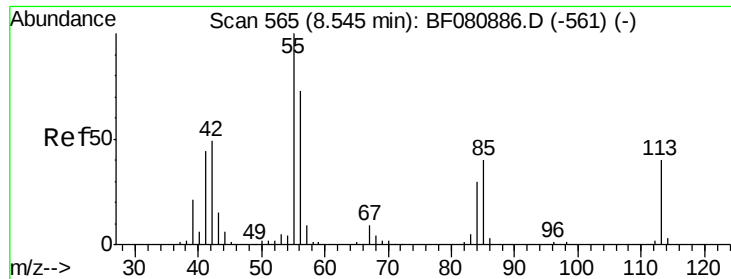
MMDadoda
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#34
Hexachlorobutadiene
Concen: 38.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	51.2	76.8		
227	62.2	50.4	75.6		





#35

Caprolactam

Concen: 39.63 ng

RT: 8.54 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

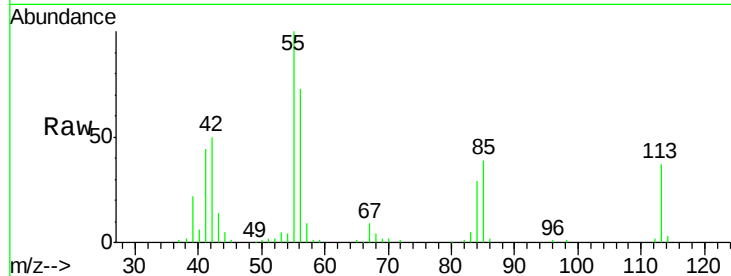
ClientSampleId :

ICVBF080615

Tot Ion:	113	Resp:	47958
Ion	Ratio	Lower	Upper
113	100		
55	268.1	228.4	268.4
56	195.9	161.5	201.5

Manual Integrations
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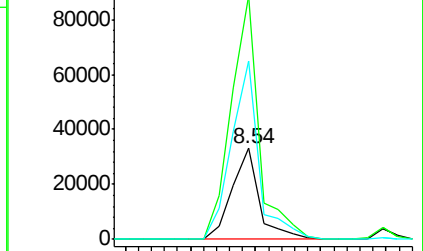
MMDadoda
8/10/2015 10:15:03 AM



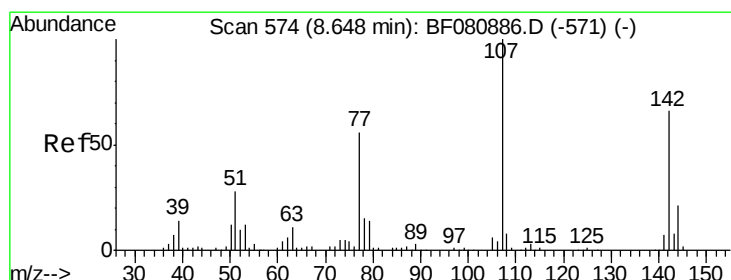
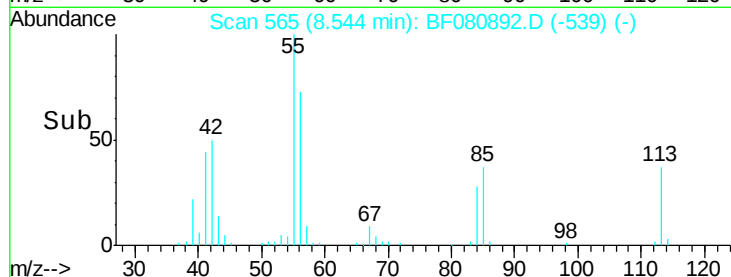
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 37.10 ng

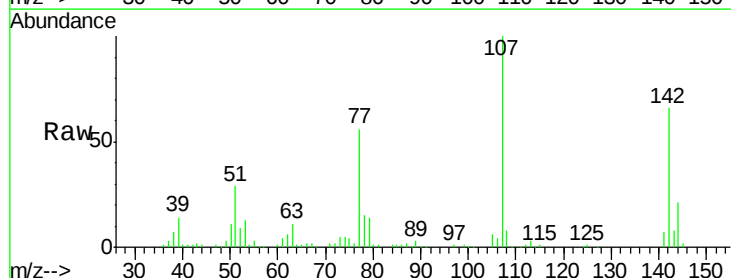
RT: 8.65 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

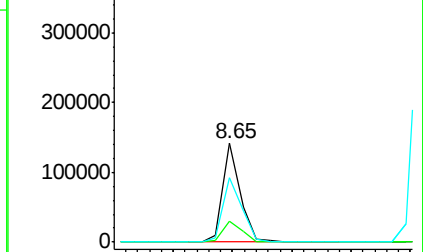
Tgt Ion:	107	Resp:	144893
Ion	Ratio	Lower	Upper
107	100		
144	21.0	17.0	25.6
142	65.6	52.6	78.8



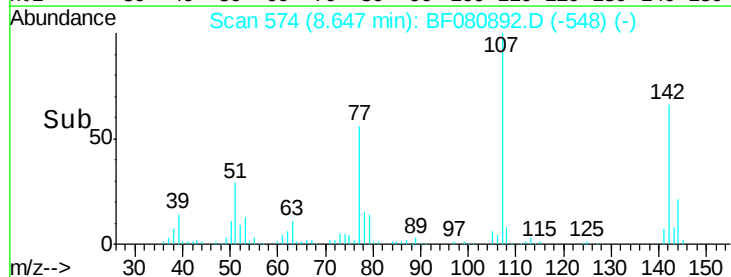
Abundance Ion 107.00 (106.70 to 107.70): E

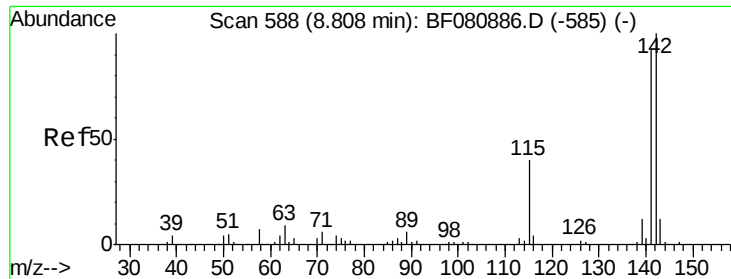
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





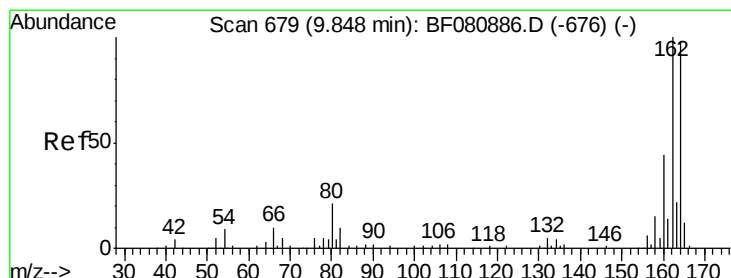
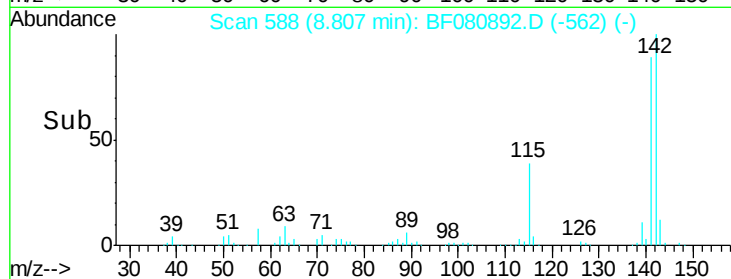
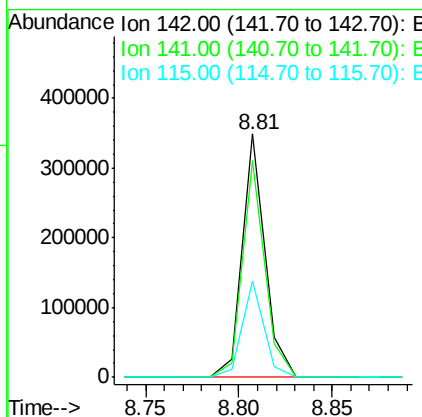
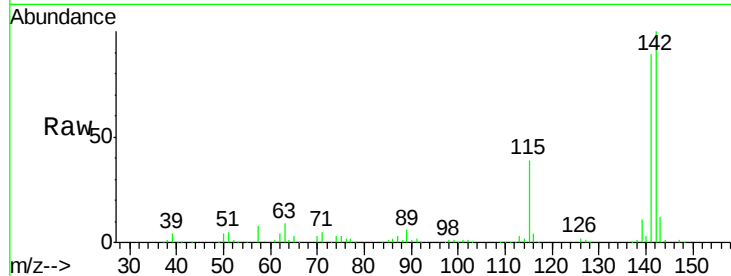
#37
2-Methylnaphthalene
Concen: 37.94 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampleId :
ICVBF080615

Tot Ion	Ratio	Resp	Lower	Upper
142	100	296318		
141	88.8	73.5	110.3	
115	39.4	32.1	48.1	

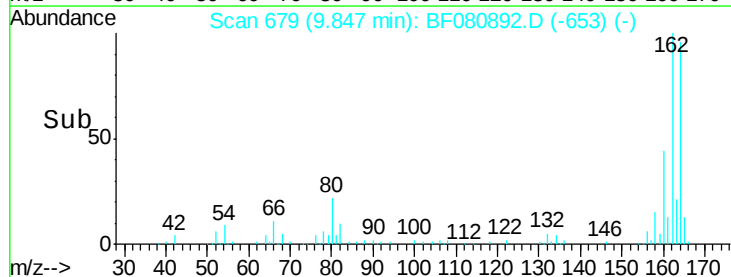
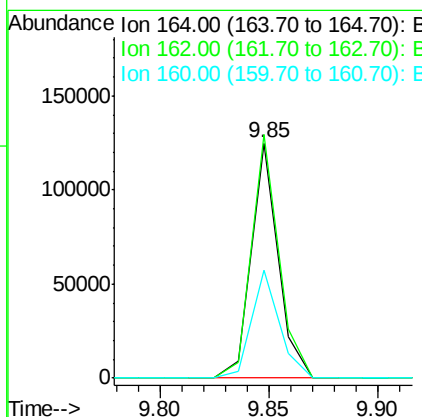
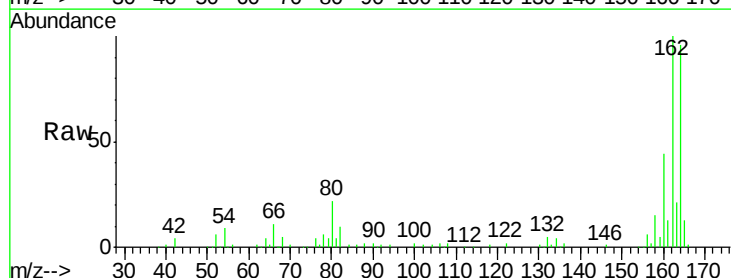
Manual Integrations
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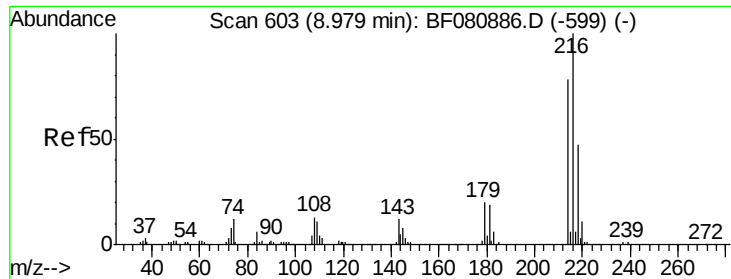
MMDadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	106826		
162	103.7	81.5	122.3	
160	45.8	35.9	53.9	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.03 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

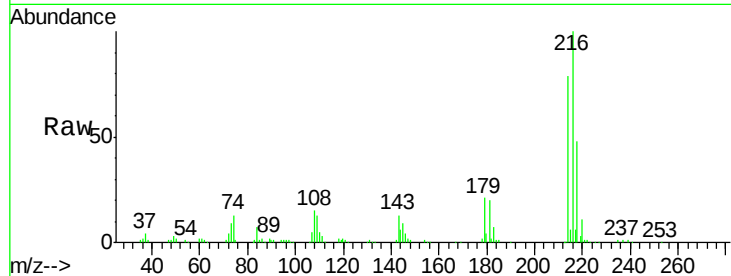
ClientSampleId :

ICVBF080615

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		136764		
214	79.7		62.8	94.2	
179	22.7		17.0	25.6	
108	21.6		16.7	25.1	

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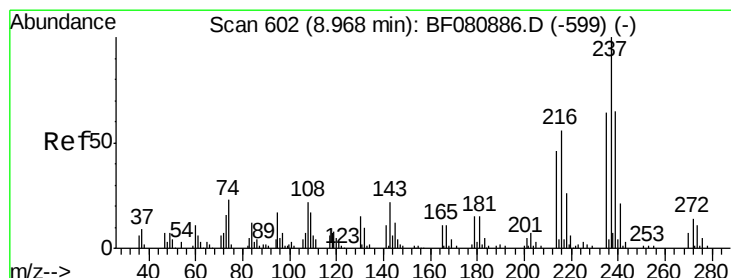
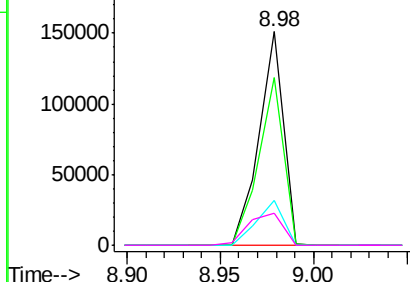
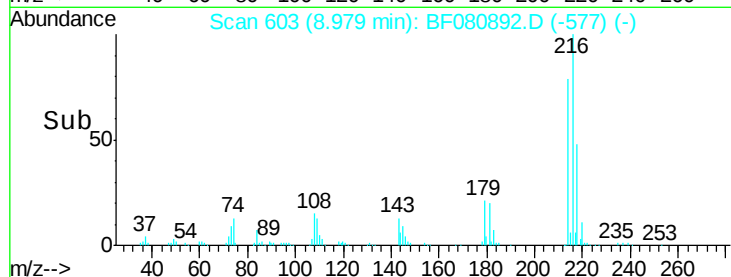


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 44.15 ng

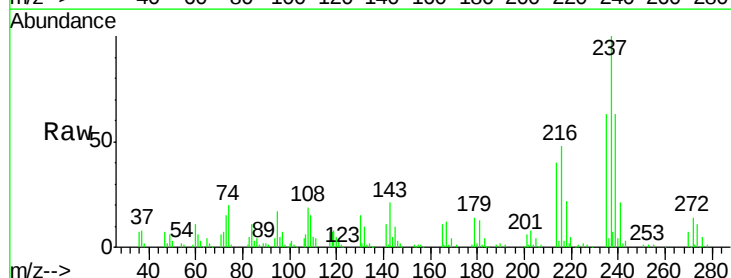
RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

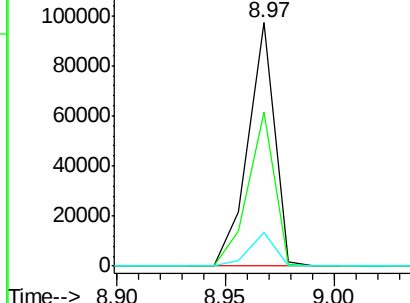
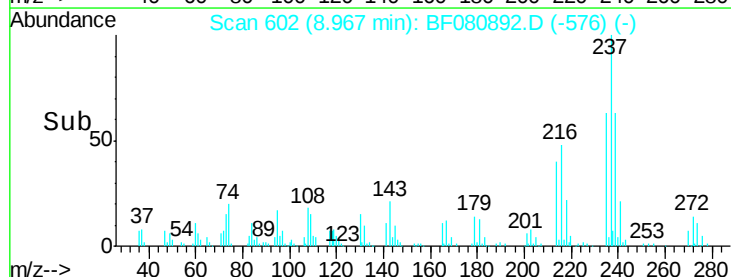
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		82434		
235	63.4		43.7	83.7	
272	14.1		0.0	33.8	

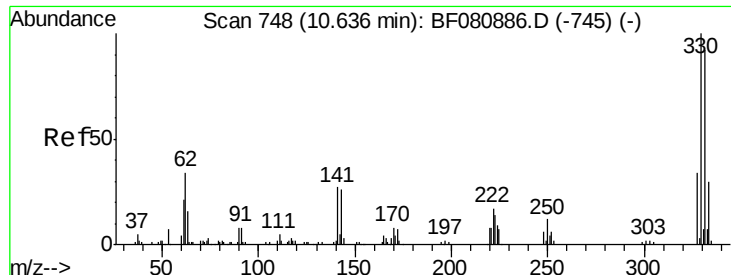


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 84.67 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

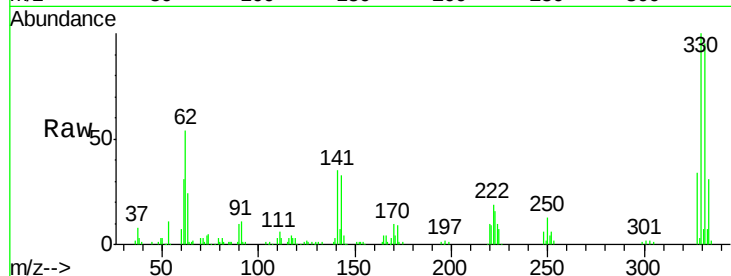
ClientSampleId :

ICVBF080615

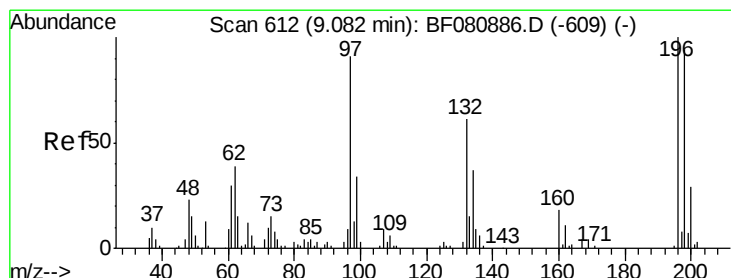
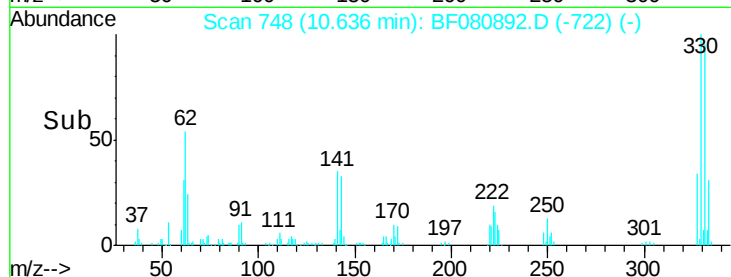
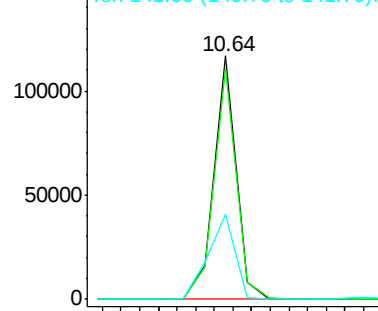
Tot Ion:	330	Resp:	97153
Ion Ratio	Lower	Upper	
330	100		
332	95.4	74.1	111.1
141	42.0	30.1	45.1

Manual Integrations
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 38.67 ng

RT: 9.08 min Scan# 612

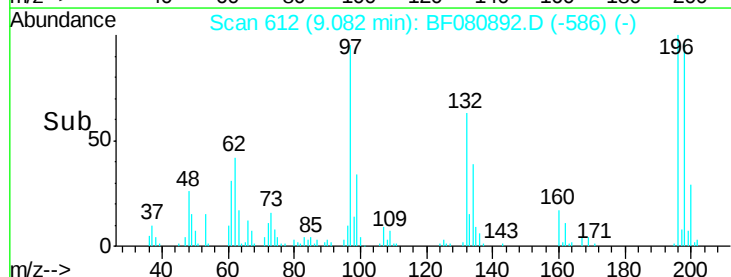
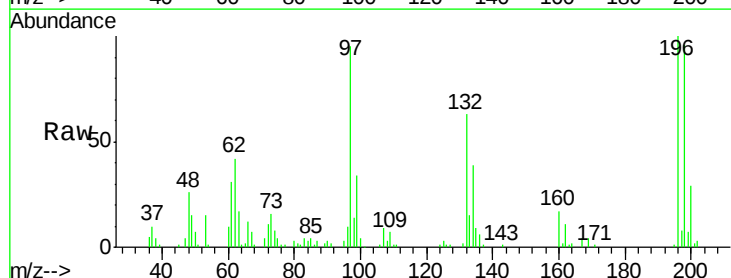
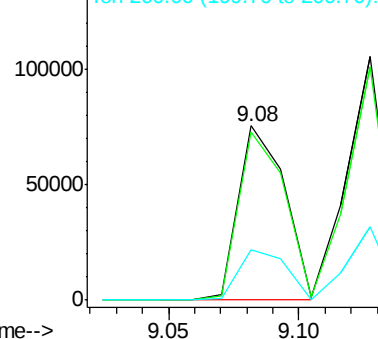
Delta R.T. -0.00 min

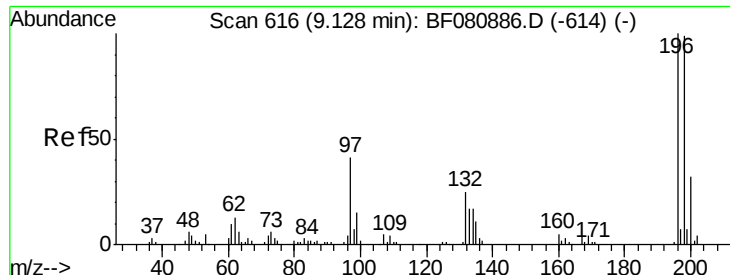
Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Tgt Ion:	196	Resp:	92844
Ion Ratio	Lower	Upper	
196	100		
198	96.2	74.9	112.3
200	28.8	23.2	34.8

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





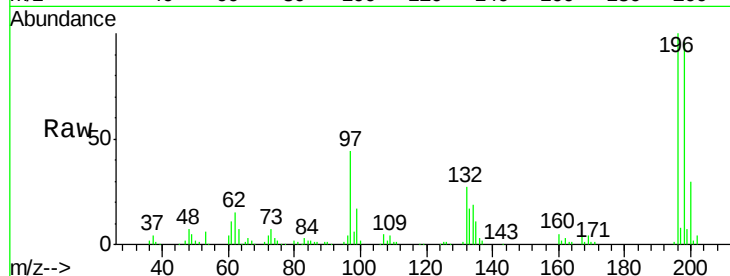
#43
2,4,5-Trichlorophenol
Concen: 43.25 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampleId :
ICVBF080615

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		105267		
198	95.9	78.7	118.1		
97	44.1	33.9	50.9		
132	26.9	20.1	30.1		

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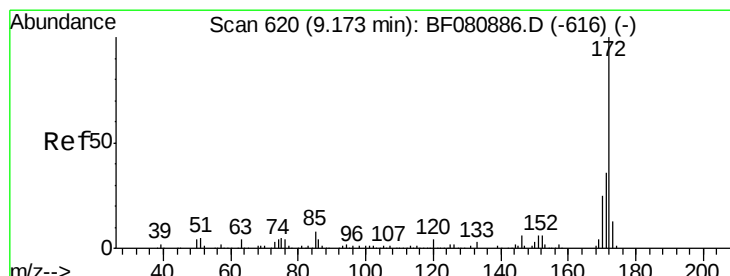
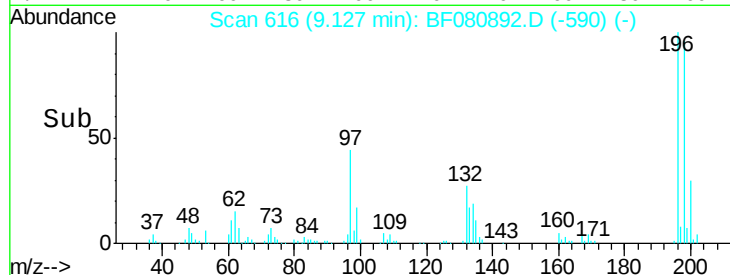
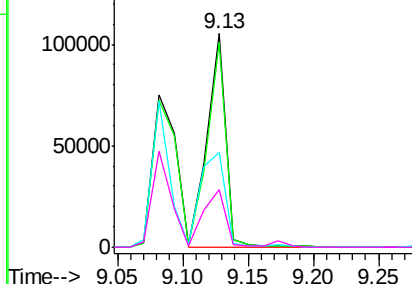
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

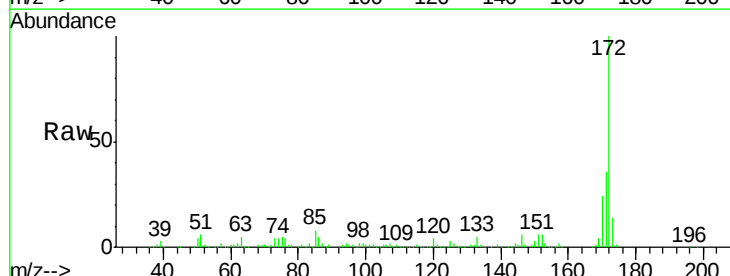
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 73.74 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		552644		
171	36.4	29.0	43.4		
170	24.4	19.9	29.9		

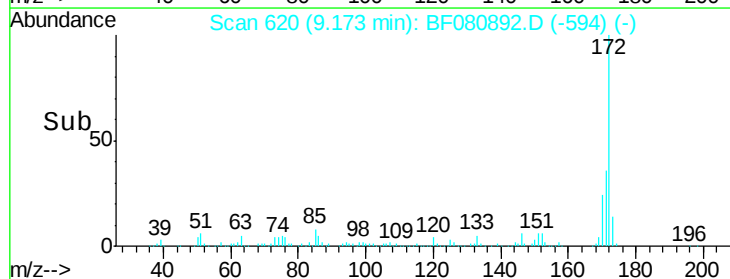
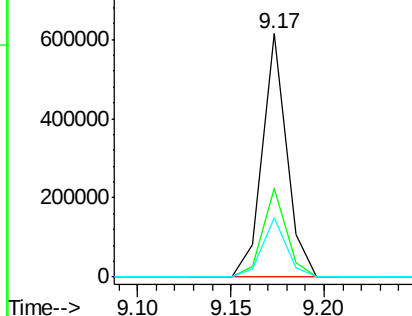


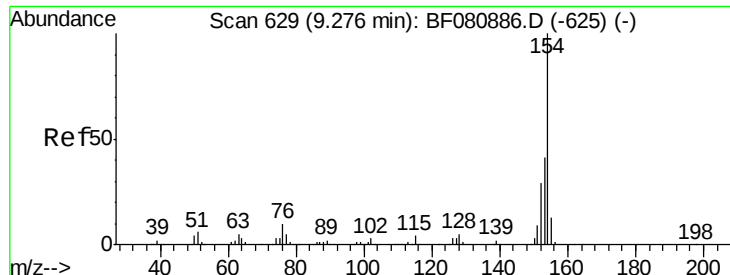
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.13 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

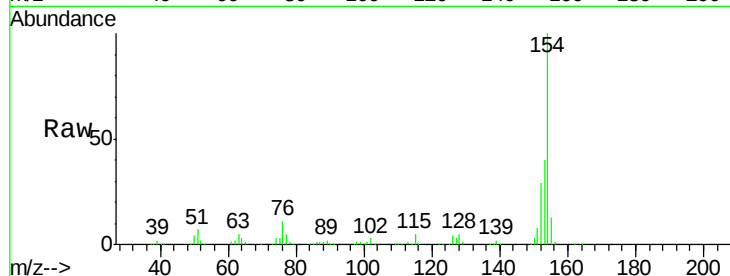
ClientSampleId :

ICVBF080615

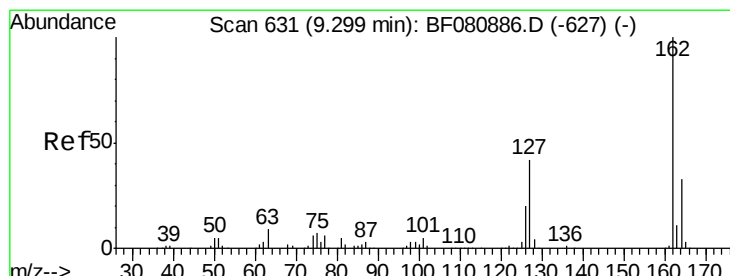
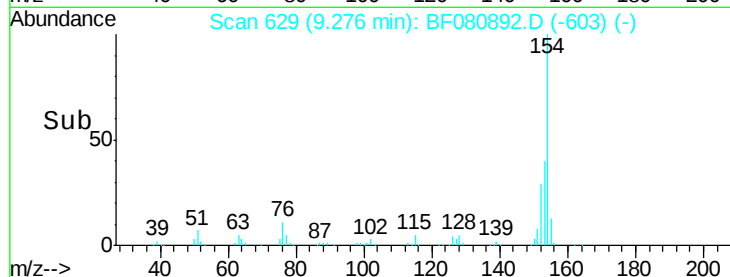
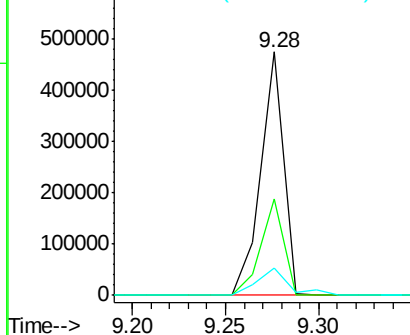
Tot Ion:	154	Resp:	398895
Ion Ratio		Lower	Upper
154	100		
153	39.6	20.8	60.8
76	11.1	0.0	30.3

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.34 ng

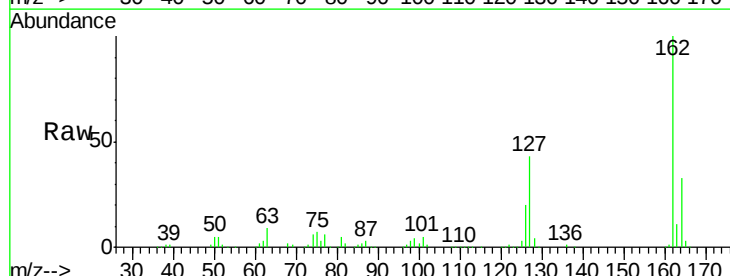
RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

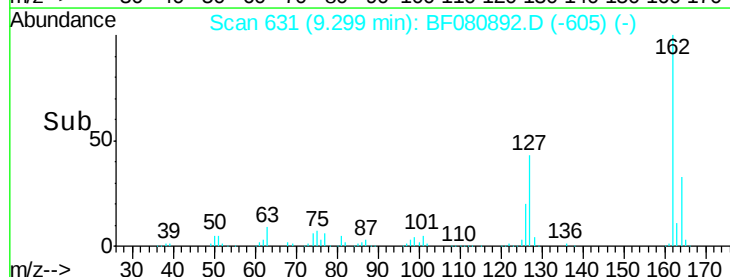
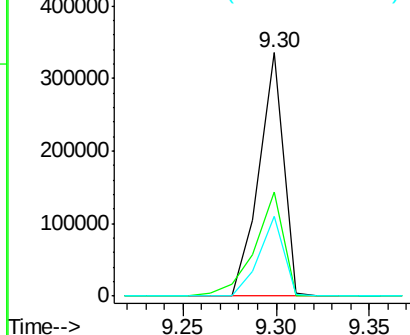
Lab File: BF080892.D

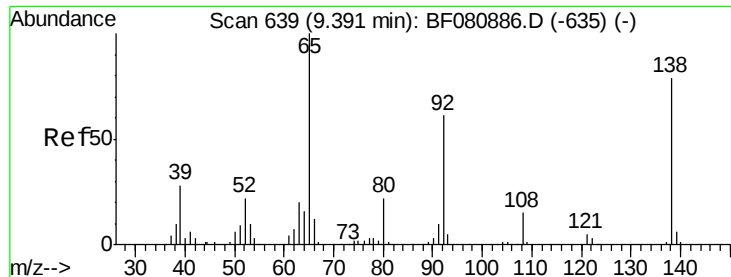
Acq: 6 Aug 2015 16:55

Tgt Ion:	162	Resp:	306262
Ion Ratio		Lower	Upper
162	100		
127	42.6	33.5	50.3
164	33.0	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





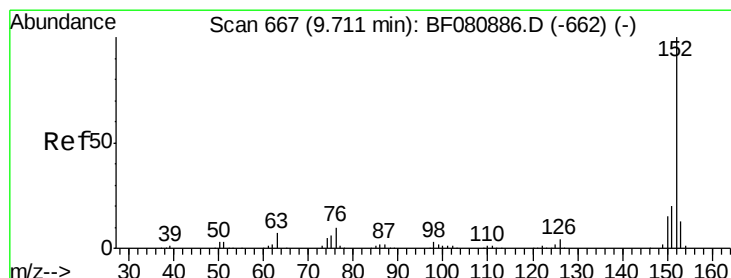
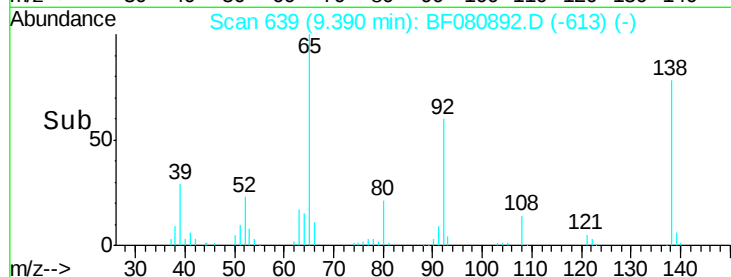
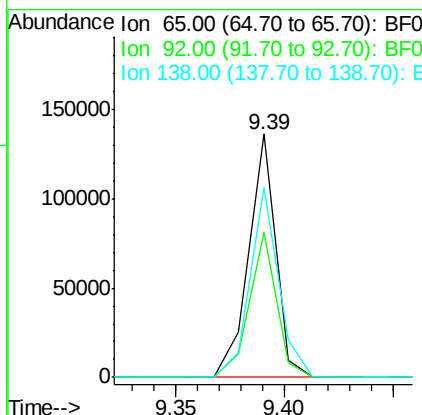
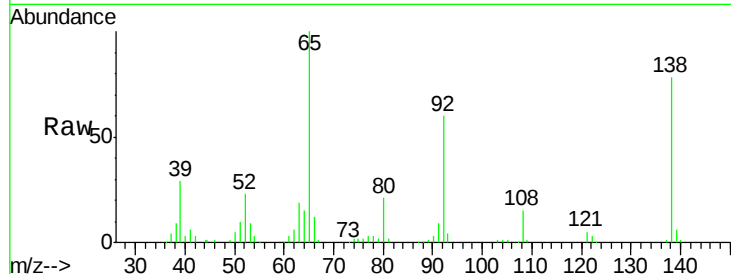
#47
2-Nitroaniline
Concen: 40.76 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampleId :
ICVBF080615

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.8	48.5	72.7
138	77.8	63.3	94.9

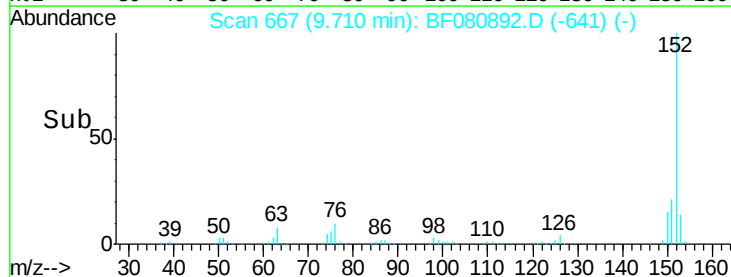
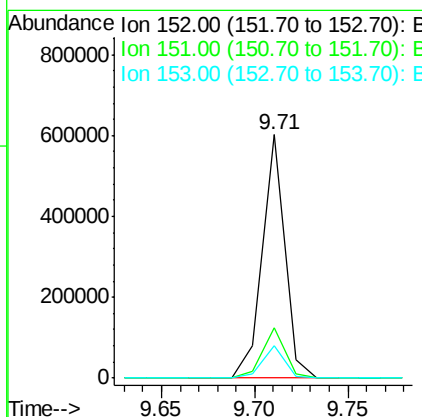
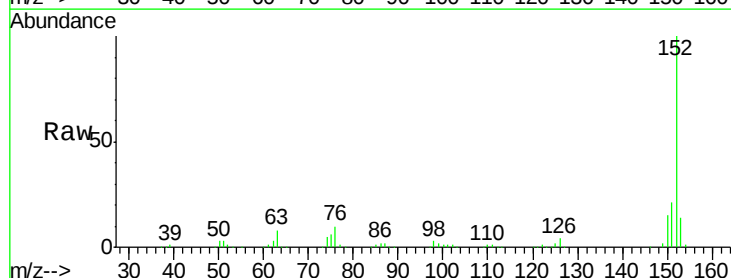
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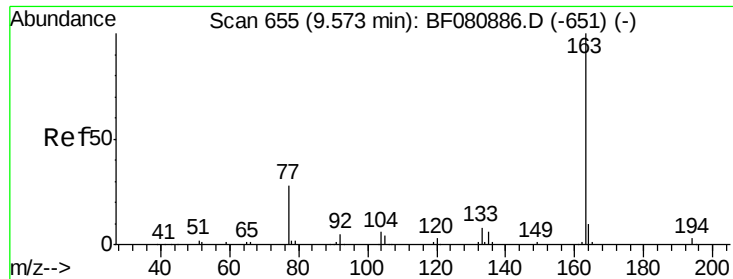
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#48
Acenaphthylene
Concen: 40.48 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6
153	13.5	10.6	16.0





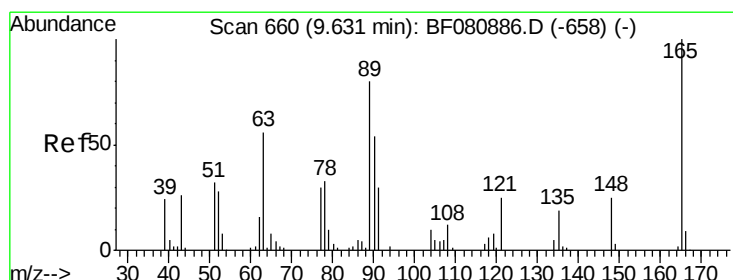
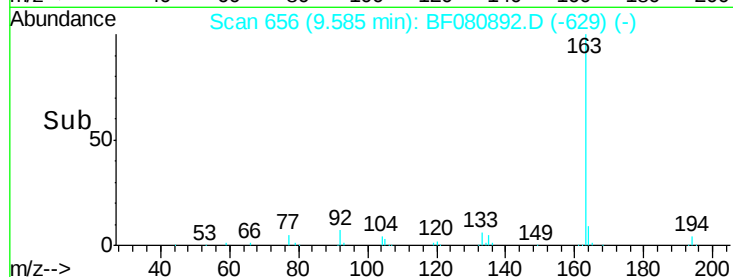
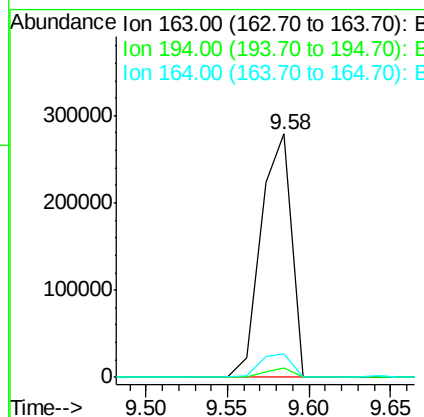
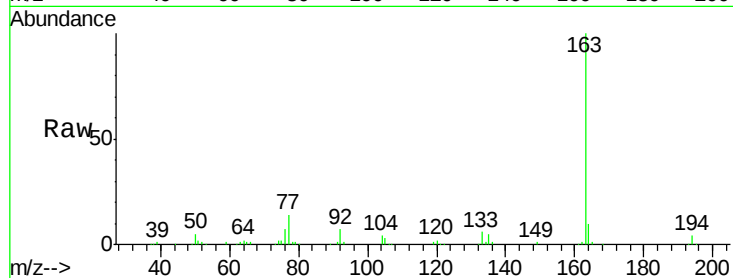
#49
Dimethylphthalate
Concen: 42.50 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampleId :
ICVBF080615

Tot Ion	Ratio	Resp	Lower	Upper
163	100	360574		
194	3.9	2.3	3.5#	
164	9.6	8.3	12.5	

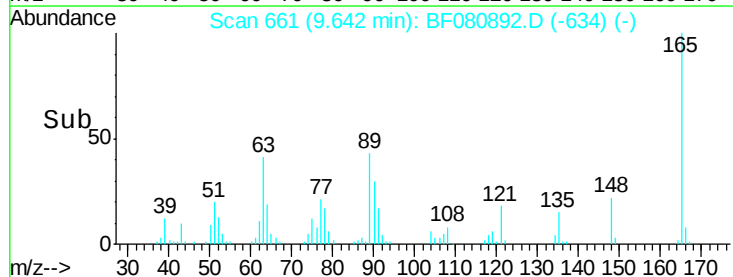
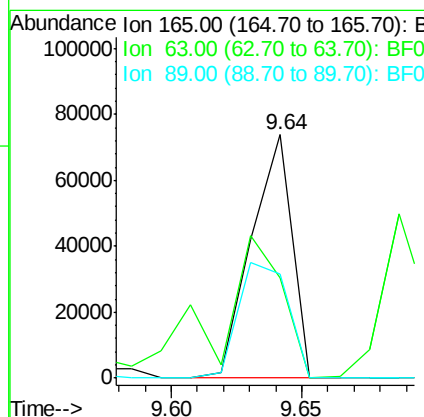
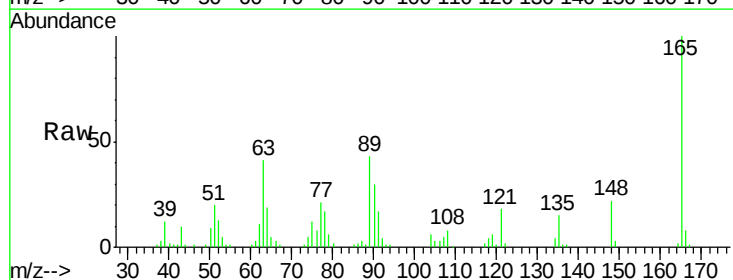
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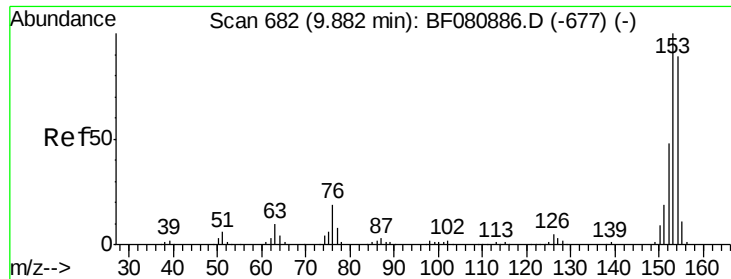
MMDadoda
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#50
2,6-Dinitrotoluene
Concen: 44.27 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.01 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	80533		
63	40.9	77.6	116.4#	
89	42.9	63.7	95.5#	





#51

Acenaphthene

Concen: 40.34 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

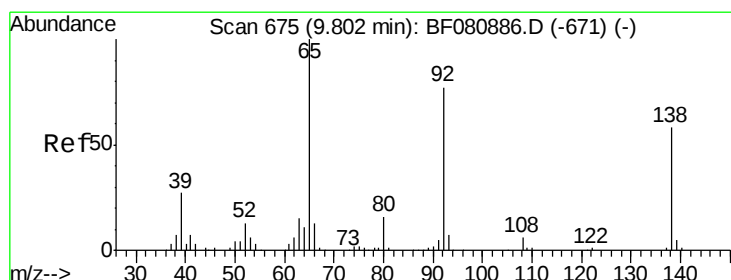
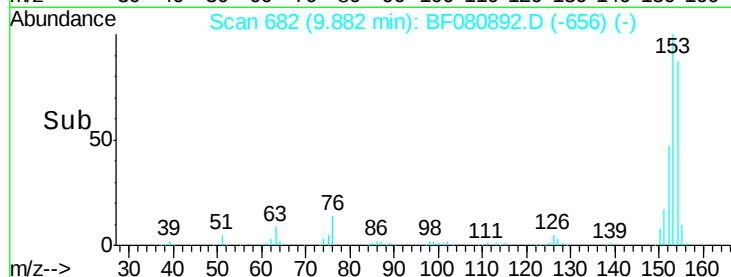
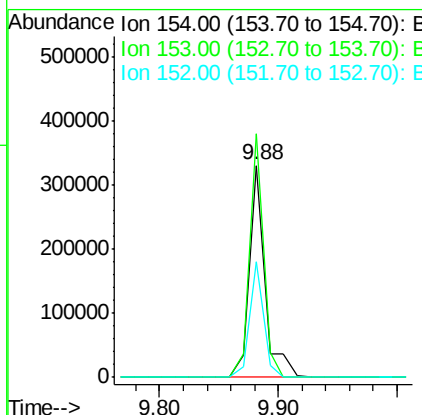
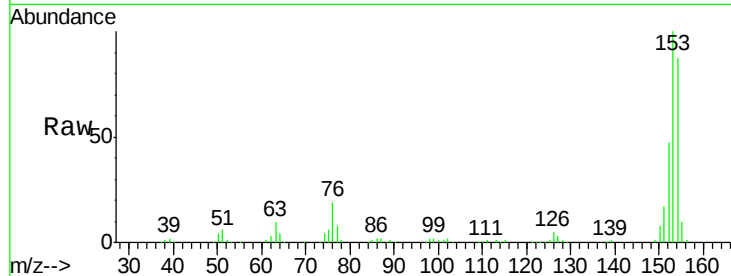
ClientSampleId :

ICVBF080615

Tot Ion:	154	Resp:	303766
Ion Ratio	Lower	Upper	
154	100		
153	114.7	90.4	135.6
152	54.4	43.6	65.4

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#52

3-Nitroaniline

Concen: 36.39 ng

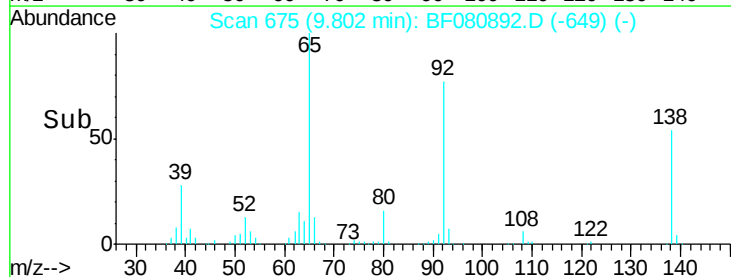
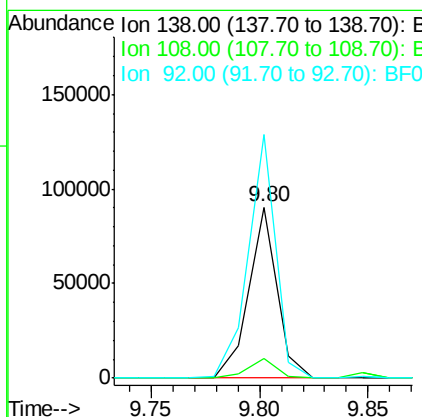
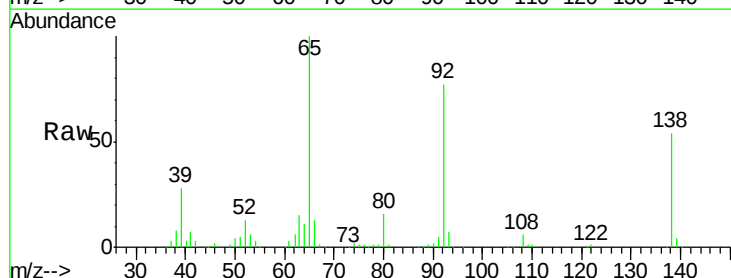
RT: 9.80 min Scan# 675

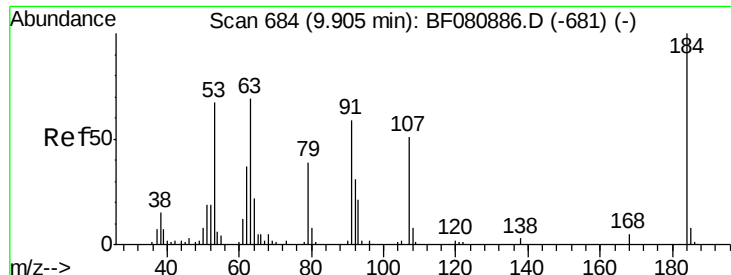
Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Tgt Ion:	138	Resp:	81849
Ion Ratio	Lower	Upper	
138	100		
108	11.4	8.9	13.3
92	142.1	106.2	159.2





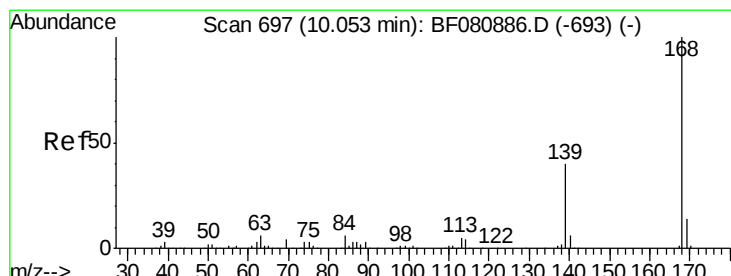
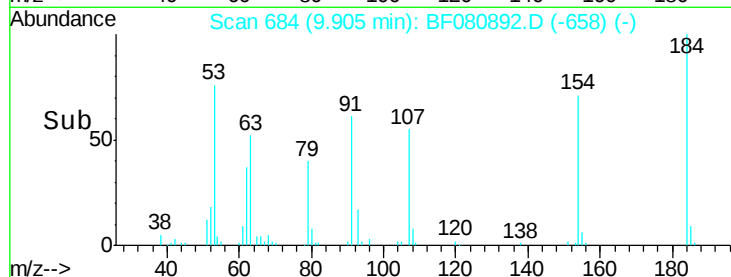
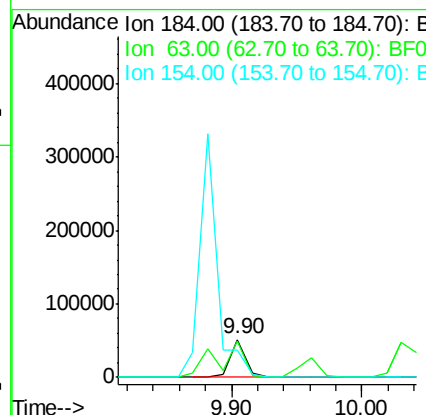
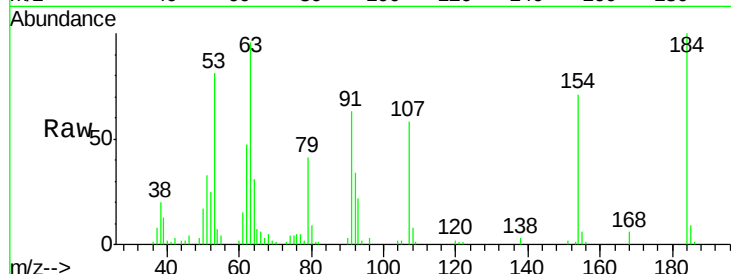
#53
2,4-Dinitrophenol
Concen: 42.89 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampleId :
ICVBF080615

Tot Ion	Ratio	Resp	Lower	Upper
184	100	42747		
63	96.1	67.6	101.4	
154	71.0	54.3	81.5	

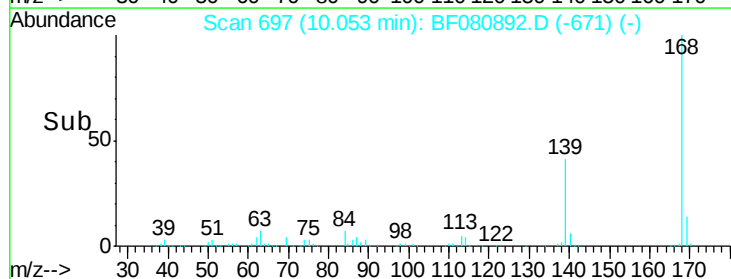
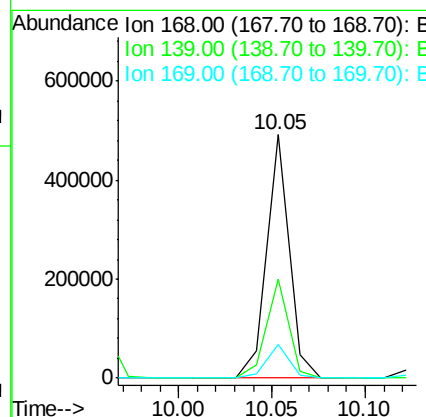
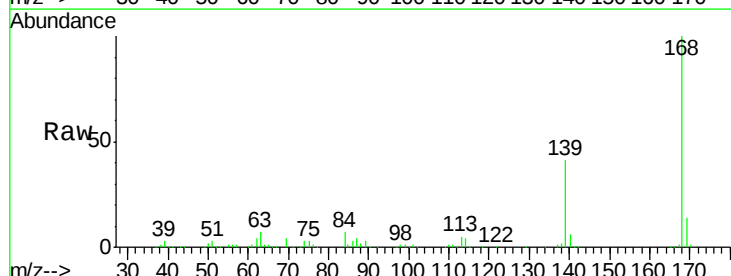
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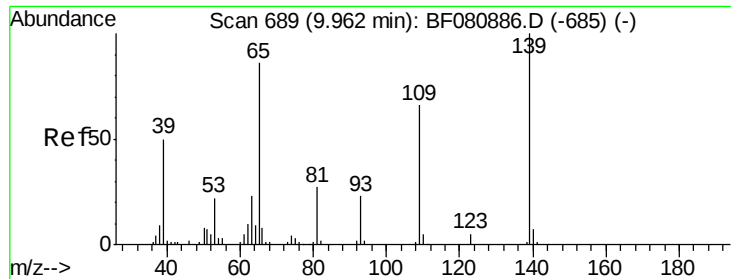
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#54
Dibenzofuran
Concen: 40.04 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	408394		
139	40.9	31.8	47.8	
169	13.7	10.8	16.2	





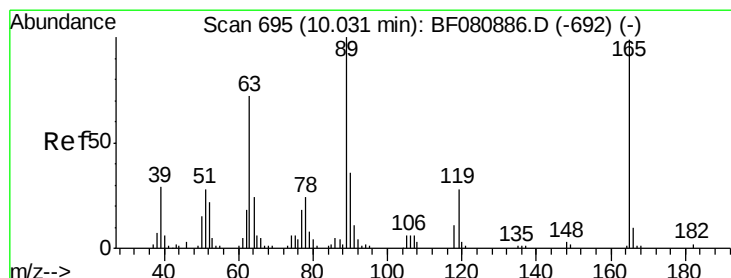
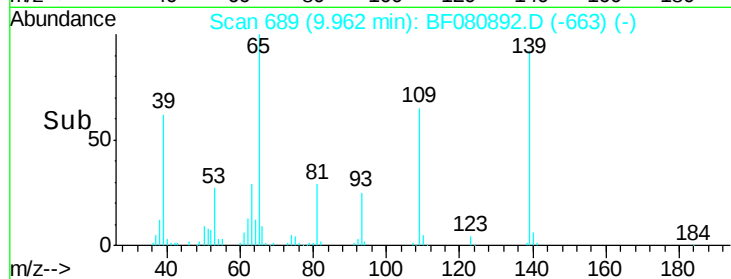
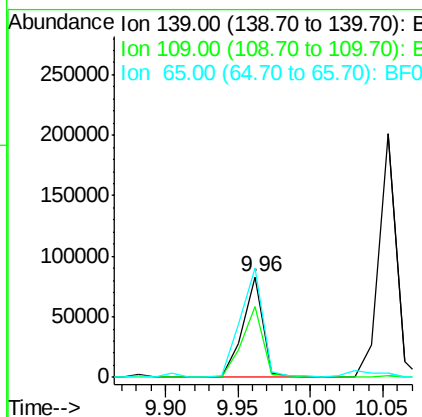
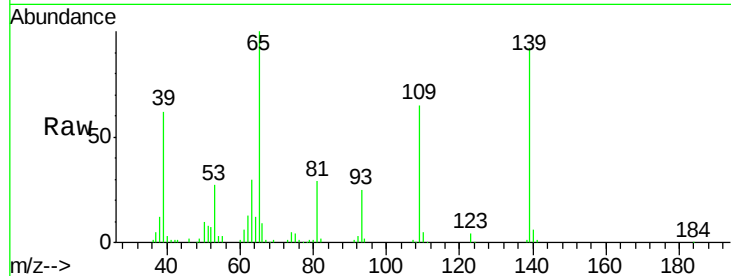
#55
4-Nitrophenol
Concen: 48.03 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampleId :
ICVBF080615

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.0	46.4	86.4
65	108.3	65.6	105.6

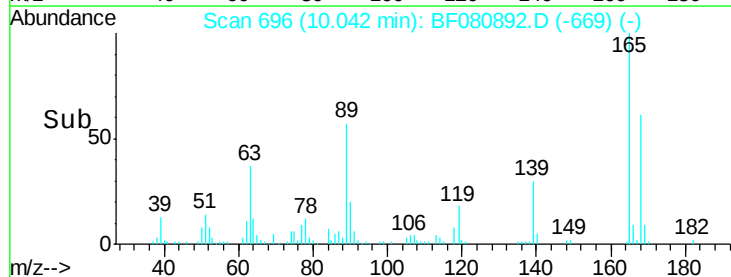
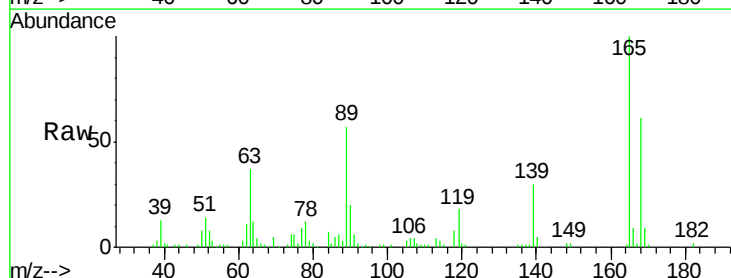
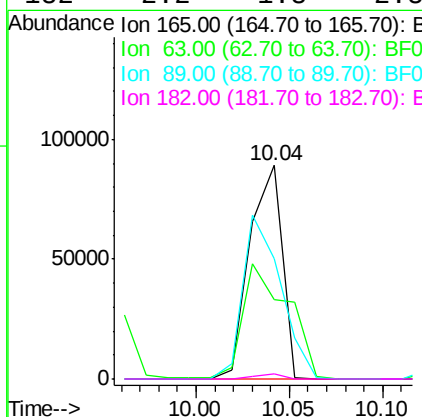
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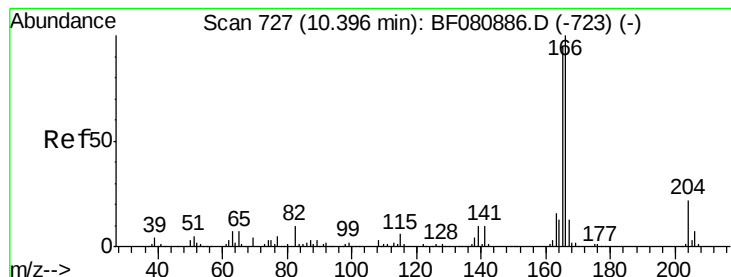
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#56
2,4-Dinitrotoluene
Concen: 44.65 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.0	58.6	87.8
89	56.6	80.7	121.1
182	2.2	1.8	2.8





#57

Fluorene

Concen: 42.46 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

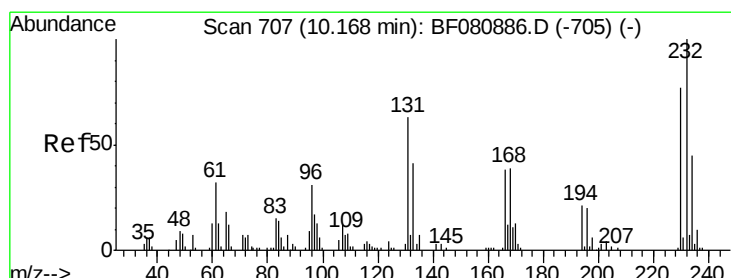
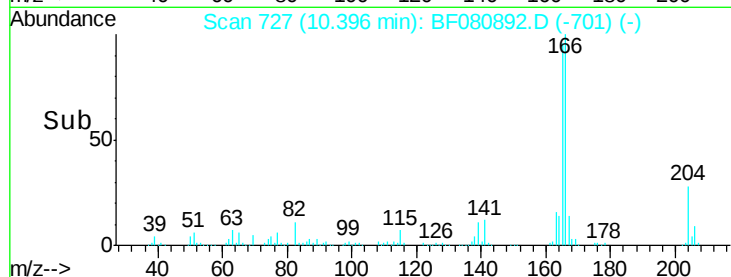
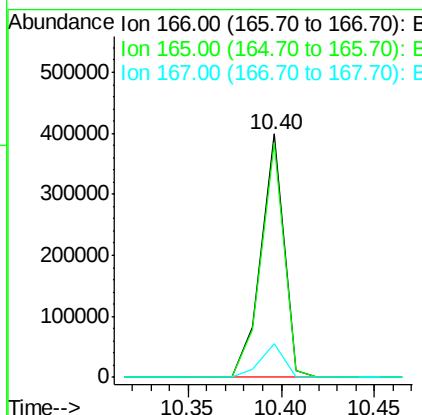
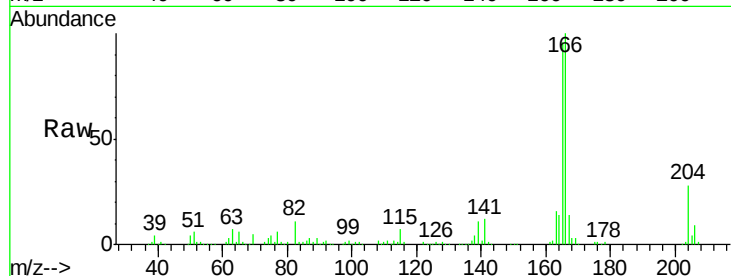
ClientSampleId :

ICVBF080615

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Tot Ion:	166	Resp:	338888
Ion Ratio		Lower	Upper
166	100		
165	96.3	75.9	113.9
167	13.9	10.8	16.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.75 ng

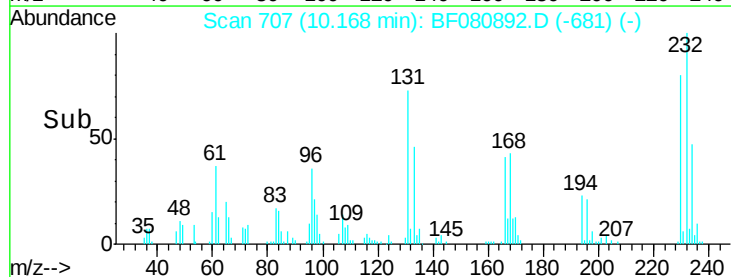
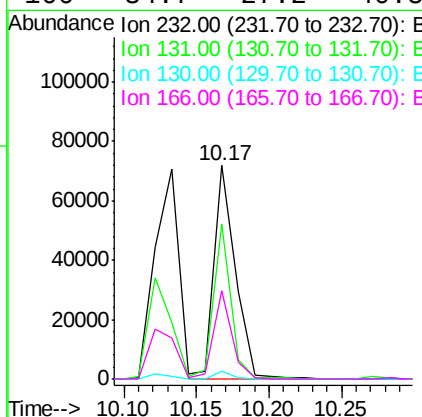
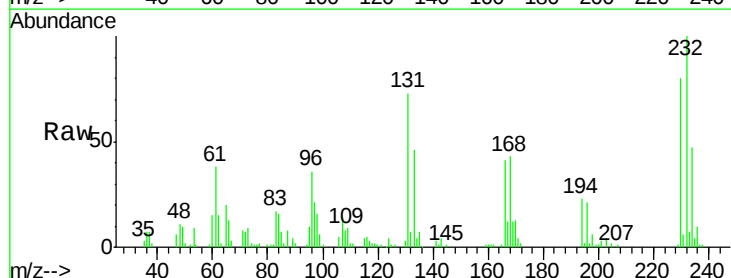
RT: 10.17 min Scan# 707

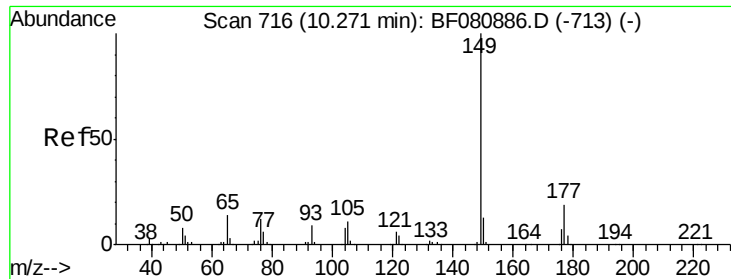
Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Tgt Ion:	232	Resp:	73325
Ion Ratio		Lower	Upper
232	100		
131	59.1	44.9	67.3
130	2.6	1.9	2.9
166	34.7	27.2	40.8





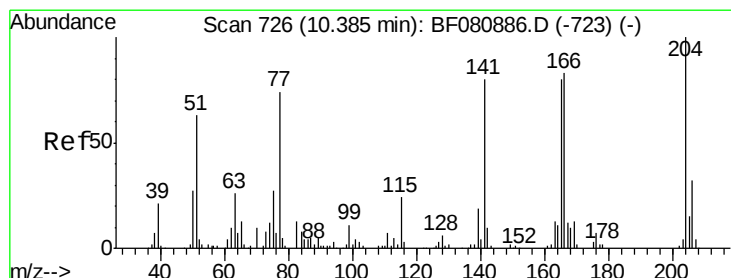
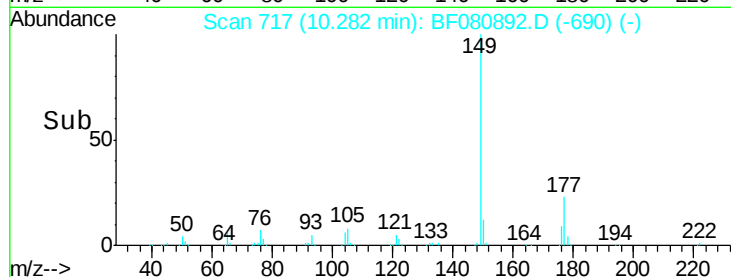
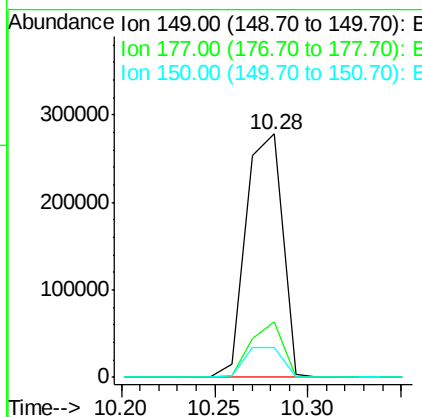
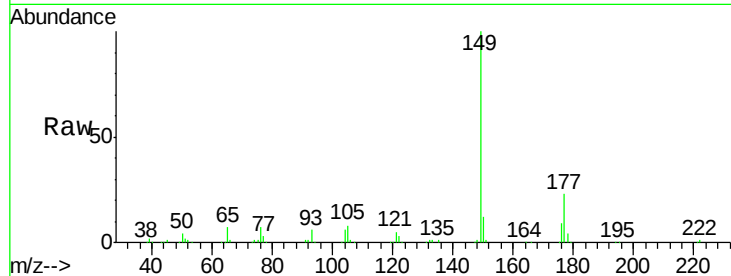
#59
Diethylphthalate
Concen: 40.84 ng
RT: 10.28 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampleId :
ICVBF080615

Tot Ion	Ratio	Resp	Lower	Upper
149	100	377403		
177	22.9	14.9	22.3#	
150	12.0	10.1	15.1	

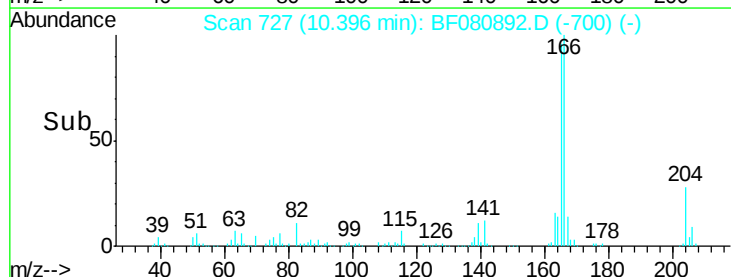
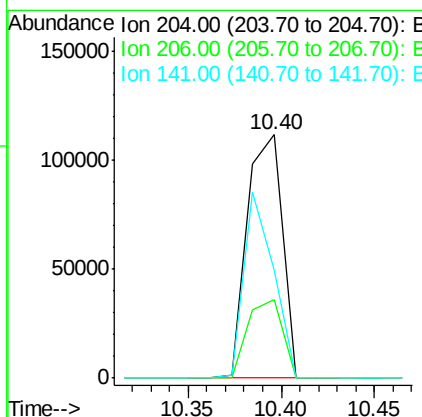
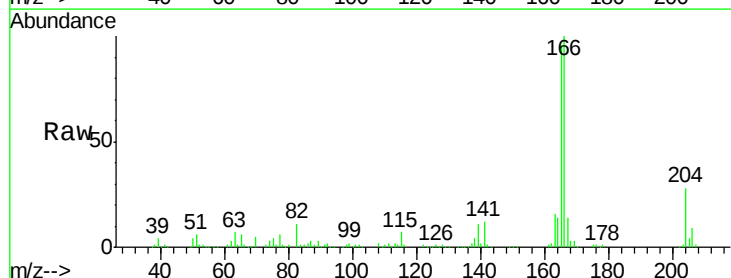
Manual Integrations
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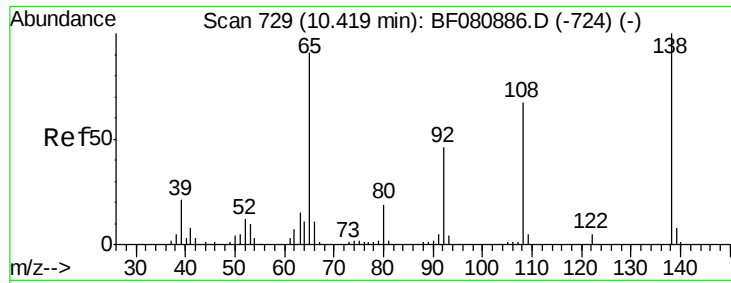
MMDadoda
8/10/2015 10:15:03 AM



#60
4-Chlorophenyl-phenylether
Concen: 38.80 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	145126		
206	32.2	25.8	38.6	
141	44.6	63.8	95.6#	





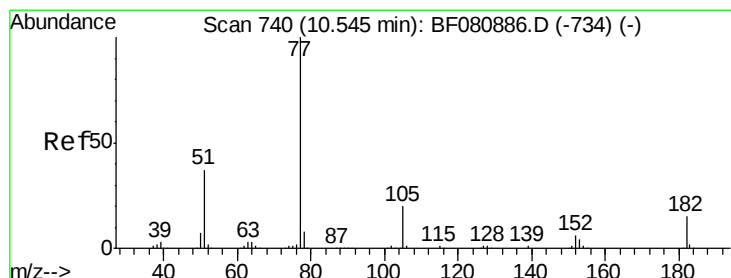
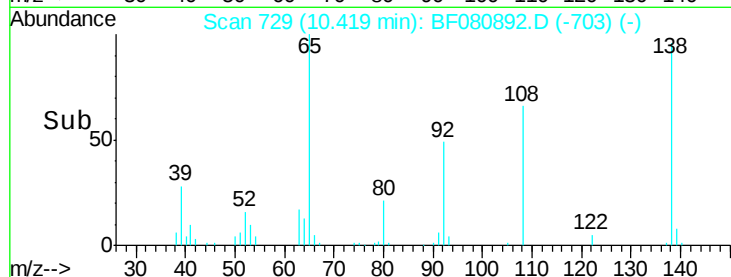
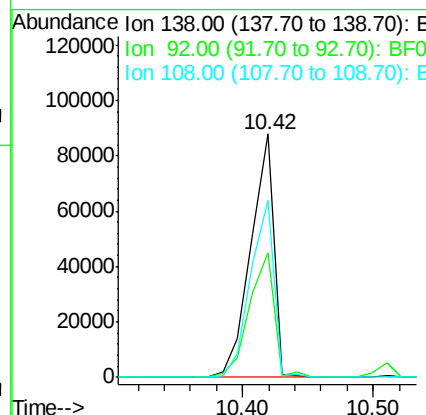
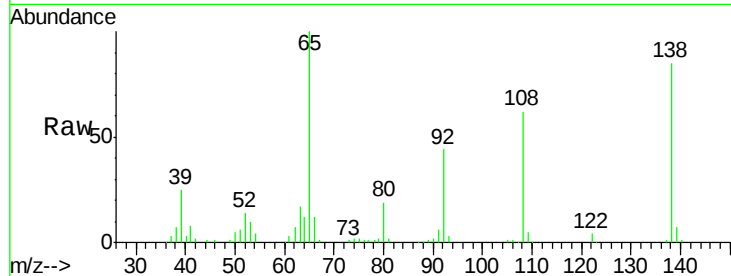
#61
4-Nitroaniline
Concen: 46.89 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampleId :
ICVBF080615

Tot Ion	Ratio	Resp	Lower	Upper
138	100	108184		
92	51.2	25.6	65.6	
108	72.6	46.9	86.9	

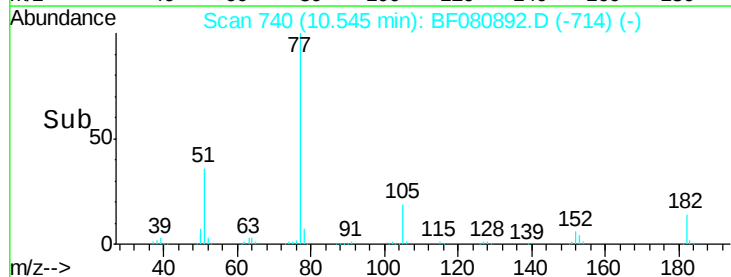
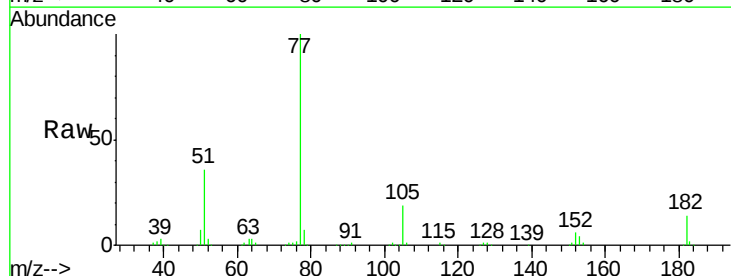
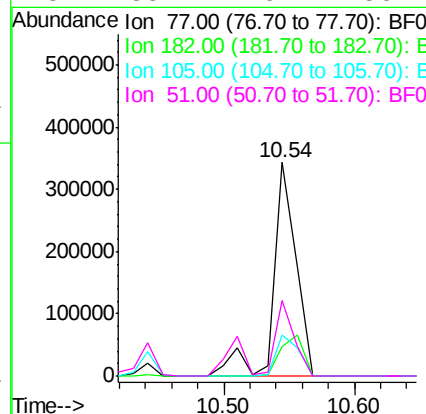
Manual Integrations
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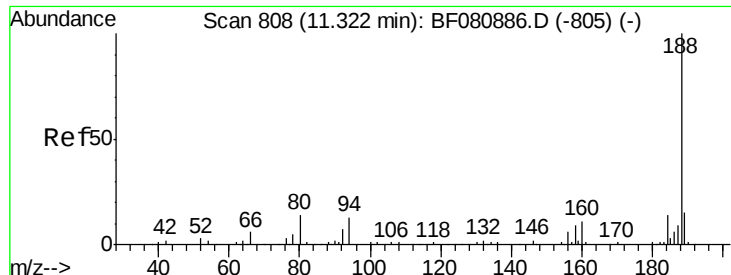
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#62
Azobenzene
Concen: 40.43 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	409468		
182	13.6	0.0	34.5	
105	19.5	0.2	40.2	
51	35.7	16.7	56.7	





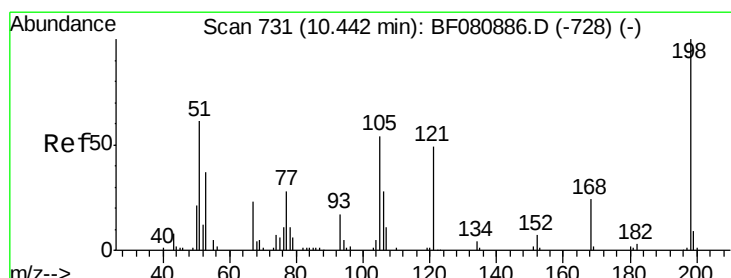
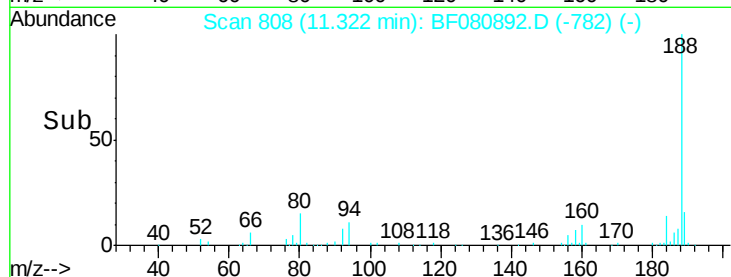
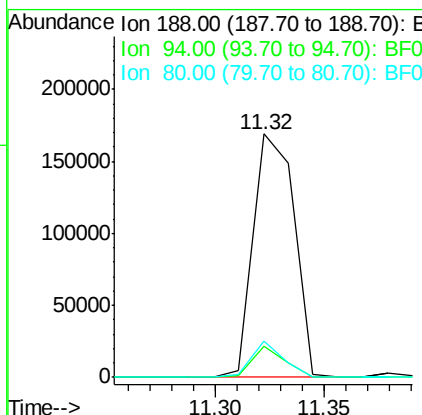
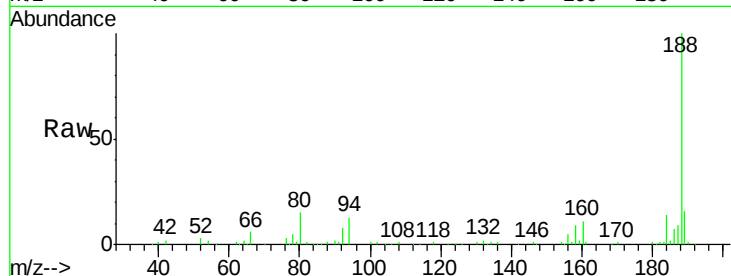
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampleId :
ICVBF080615

Tot Ion	Ratio	Resp	Lower	Upper
188	100	222966		
94	12.6		10.2	15.2
80	14.8		11.4	17.2

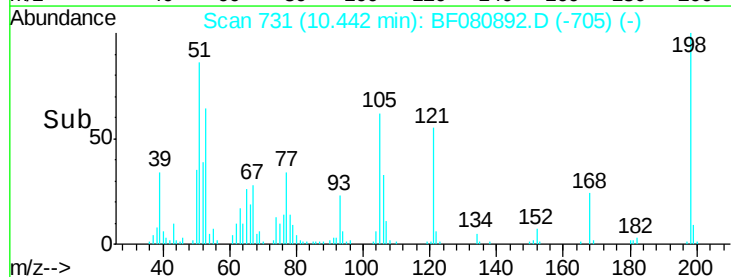
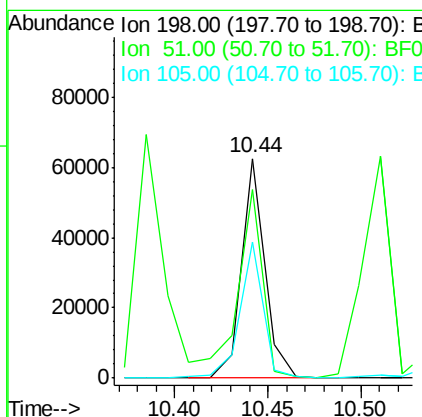
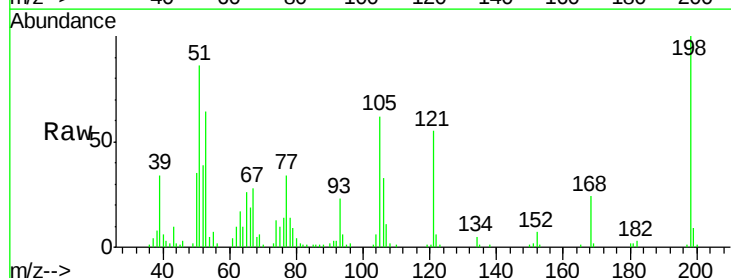
Manual Integrations
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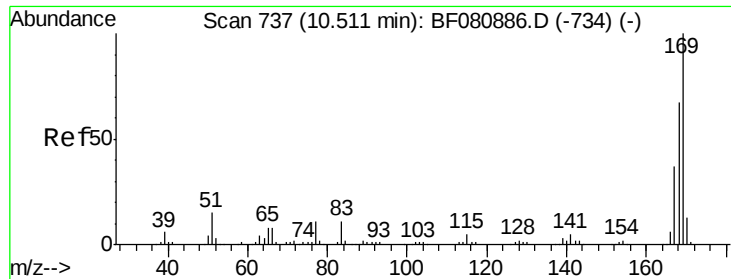
MMDadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.49 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	54454		
51	86.1		47.9	87.9
105	61.9		35.0	75.0





#65

n-Nitrosodiphenylamine

Concen: 39.21 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

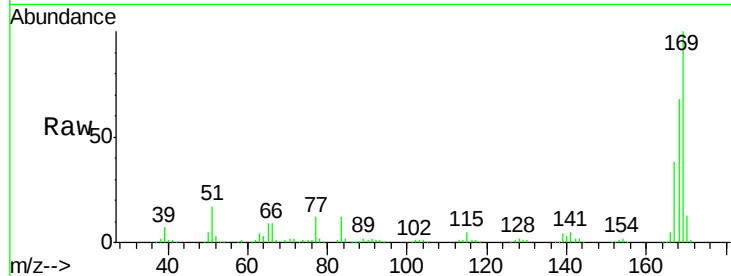
ClientSampleId :

ICVBF080615

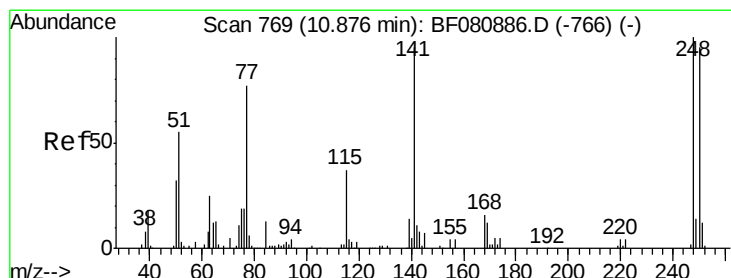
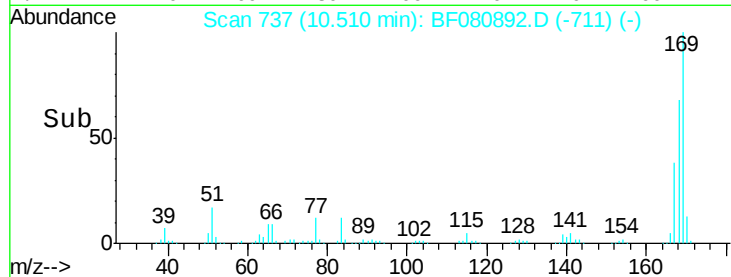
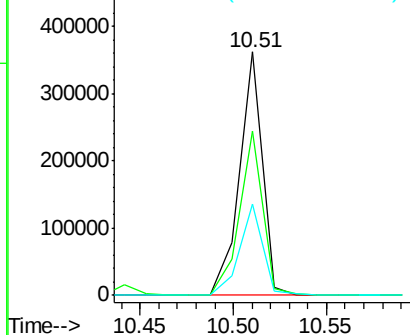
Tot Ion:	169	Resp:	311449
Ion Ratio	Lower	Upper	
169	100		
168	67.7	54.0	81.0
167	37.6	29.8	44.8

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.90 ng

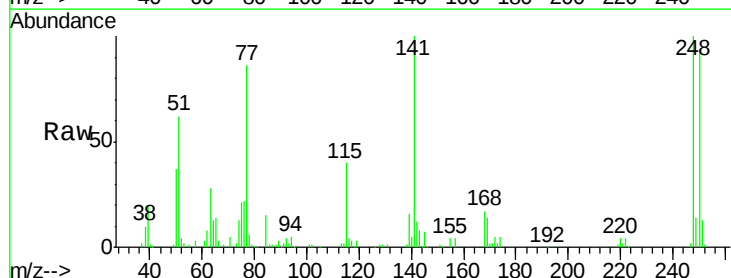
RT: 10.88 min Scan# 769

Delta R.T. -0.00 min

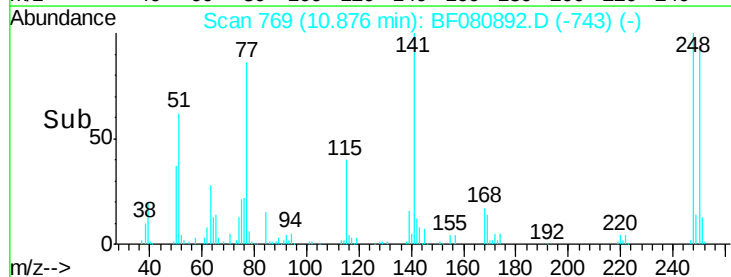
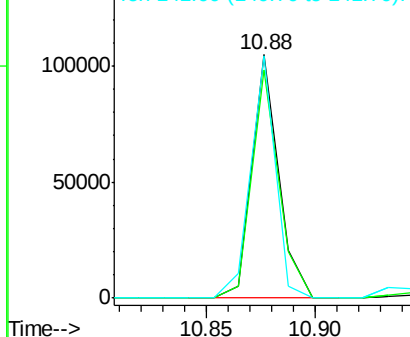
Lab File: BF080892.D

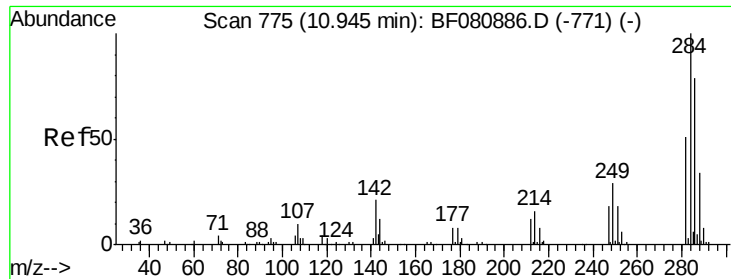
Acq: 6 Aug 2015 16:55

Tgt Ion:	248	Resp:	89418
Ion Ratio	Lower	Upper	
248	100		
250	93.9	75.9	113.9
141	99.7	75.8	113.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.70 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

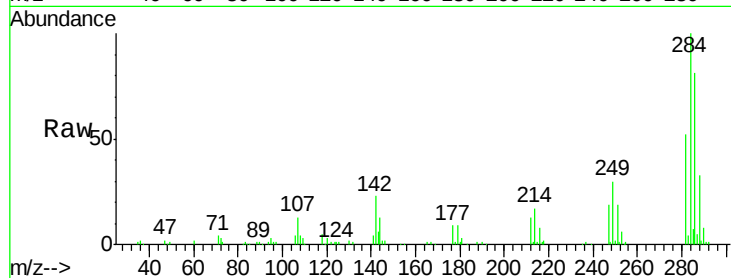
ClientSampleId :

ICVBF080615

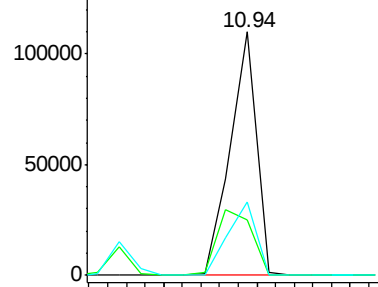
Tot Ion:	284	Resp:	106639
Ion Ratio		Lower	Upper
284	100		
142	22.6	16.4	24.6
249	30.4	23.1	34.7

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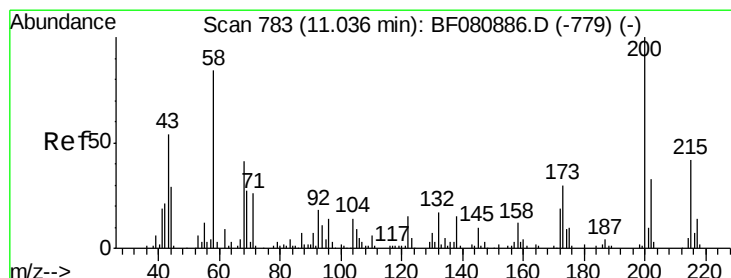
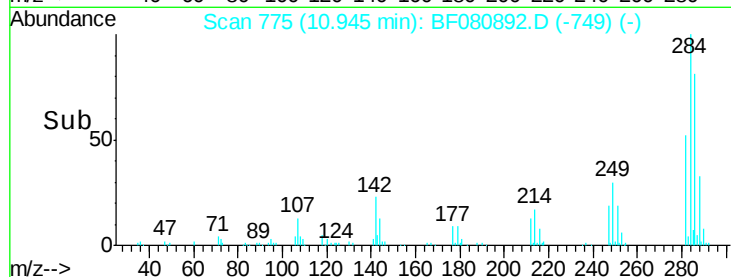
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time-->



#68

Atrazine

Concen: 37.75 ng

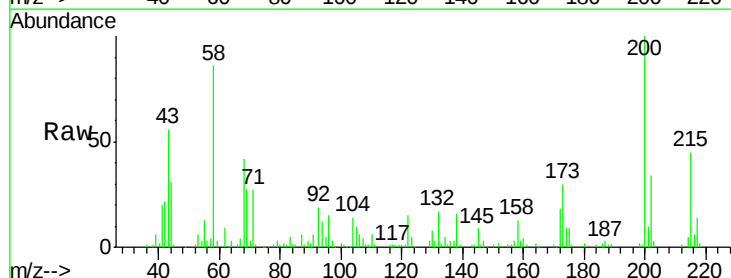
RT: 11.04 min Scan# 783

Delta R.T. -0.00 min

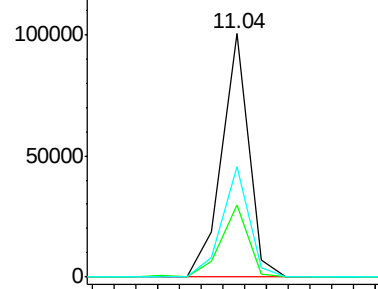
Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

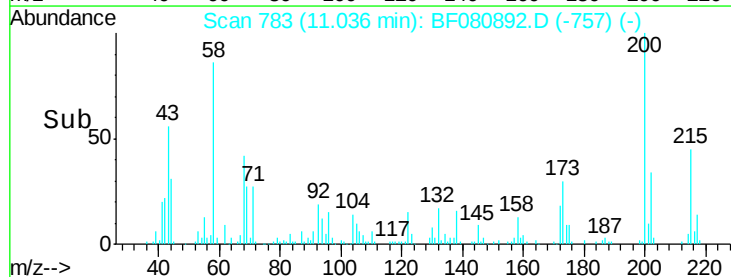
Tgt Ion:	200	Resp:	86598
Ion Ratio		Lower	Upper
200	100		
173	29.6	10.0	50.0
215	45.2	22.3	62.3

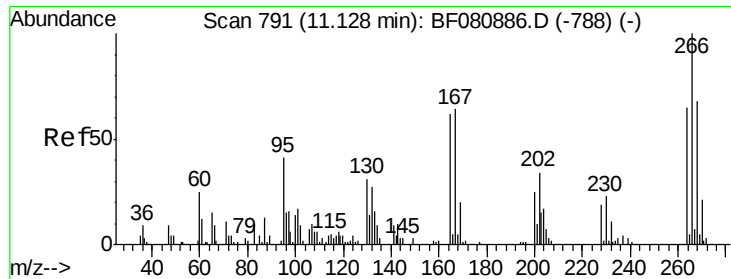


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



Time-->





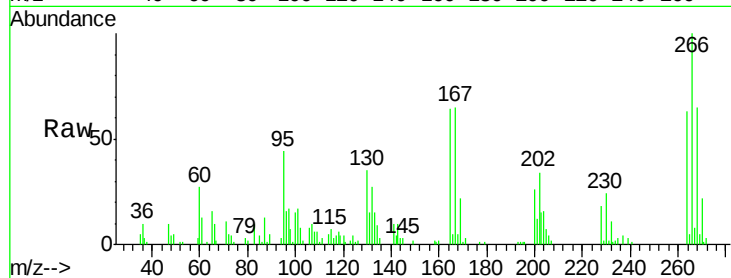
#69
 Pentachlorophenol
 Concen: 41.83 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080615

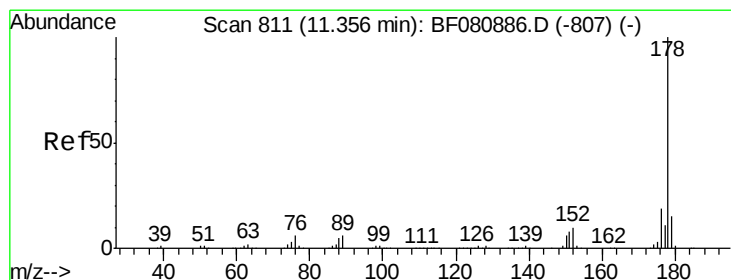
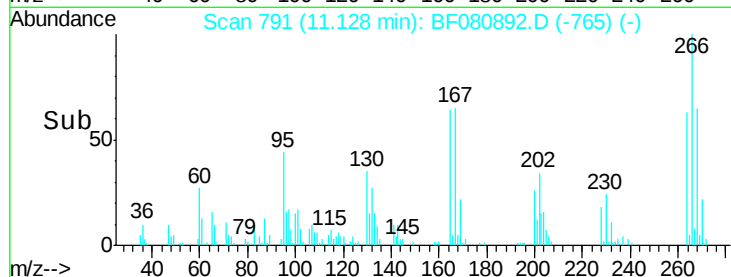
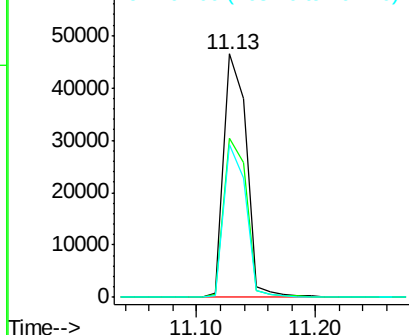
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	54.1	81.1
264	62.5	51.6	77.4

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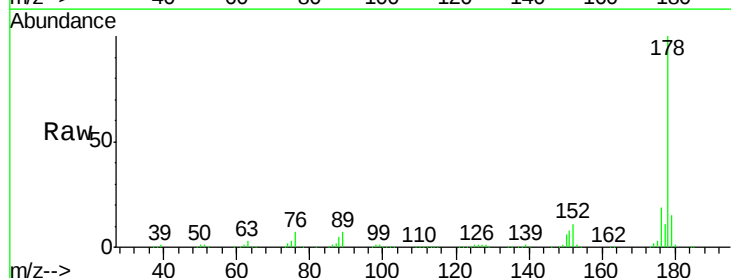


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

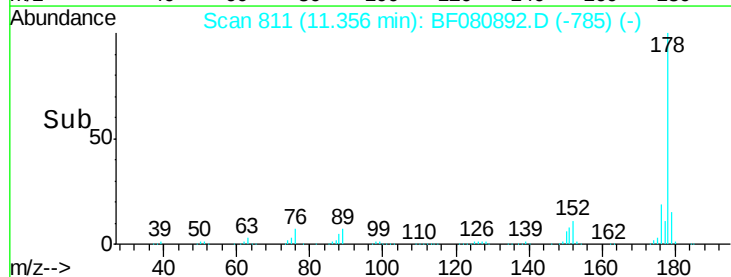
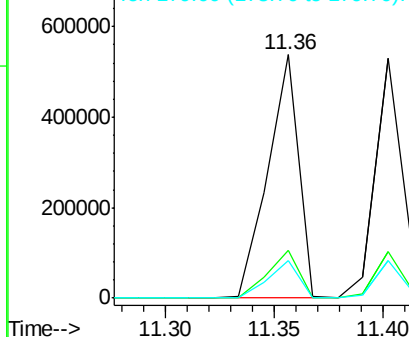


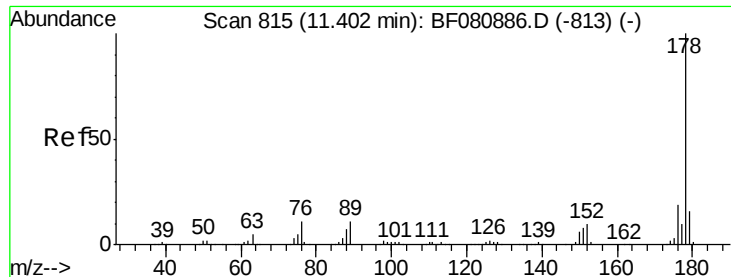
#70
 Phenanthrene
 Concen: 40.96 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.3	12.0	18.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





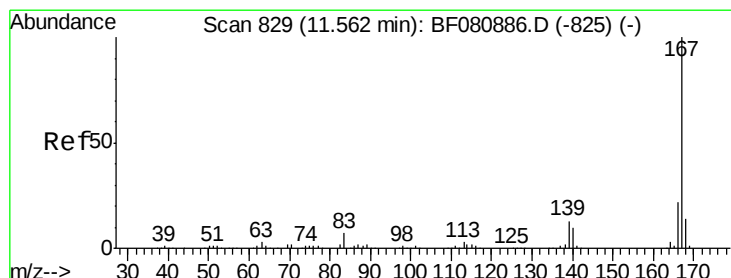
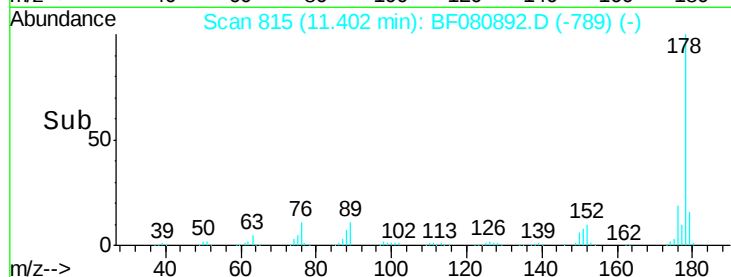
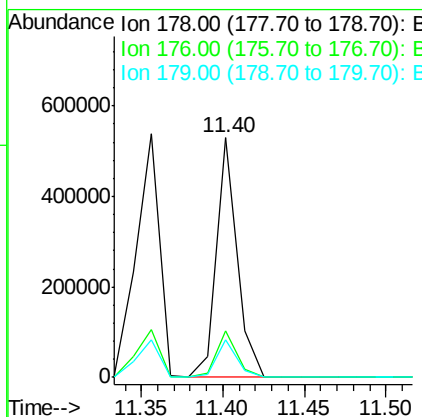
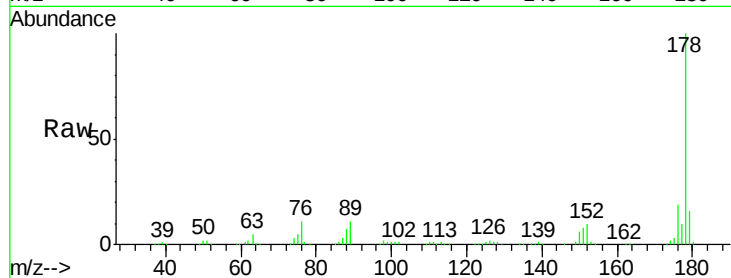
#71
 Anthracene
 Concen: 36.24 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080615

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		465445		
176	19.2	15.3		22.9	
179	15.8	12.5		18.7	

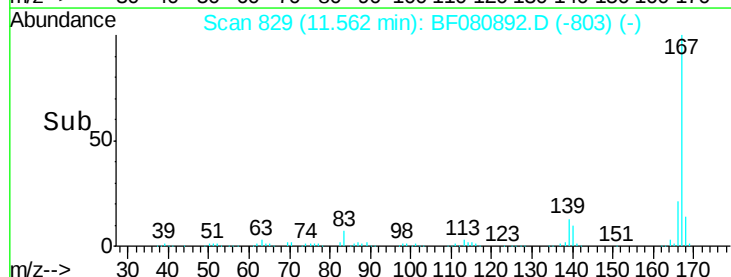
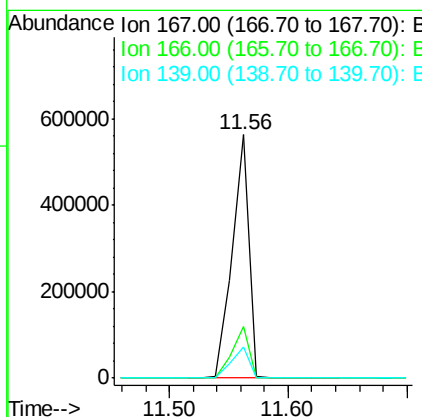
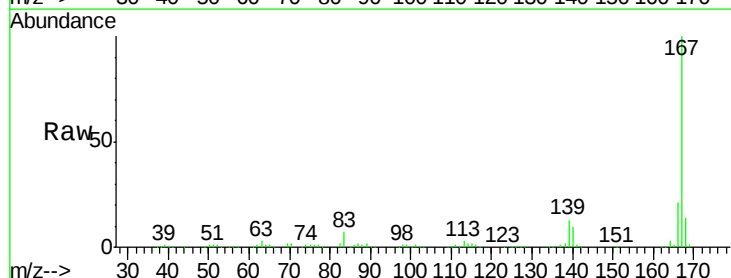
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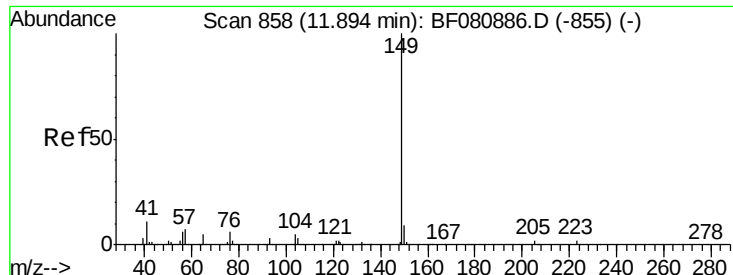
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#72
 Carbazole
 Concen: 42.42 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100		550240		
166	21.2	17.3		25.9	
139	12.9	10.2		15.2	





#73

Di-n-butylphthalate

Concen: 36.66 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

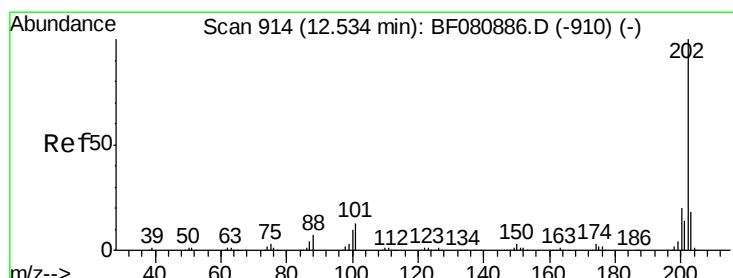
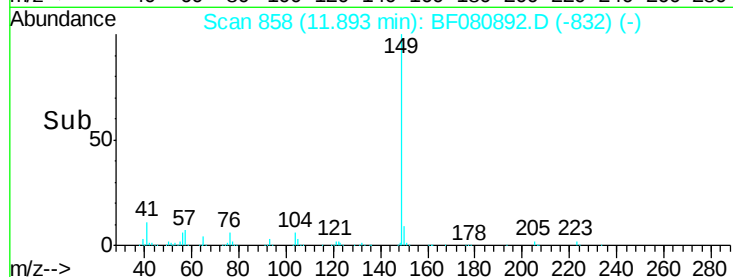
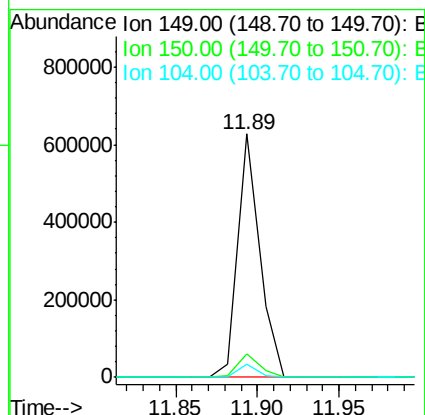
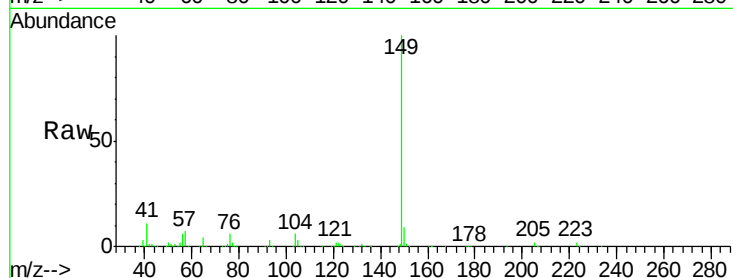
ClientSampleId :

ICVBF080615

Tot Ion:	149	Resp:	579686
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.6	11.4
104	5.6	4.3	6.5

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#74

Fluoranthene

Concen: 36.19 ng

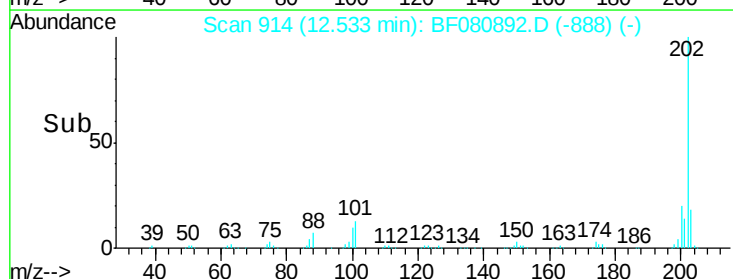
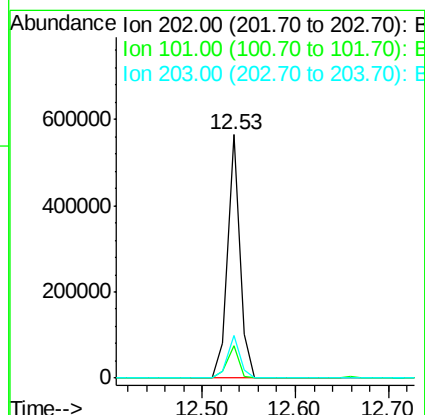
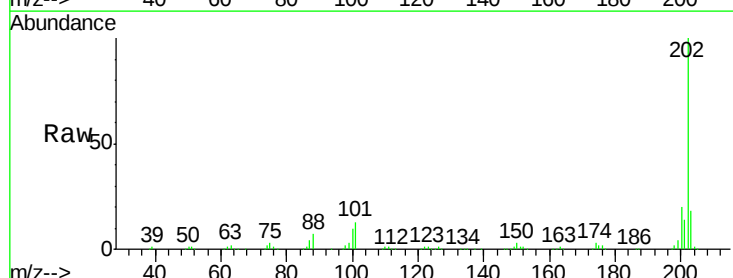
RT: 12.53 min Scan# 914

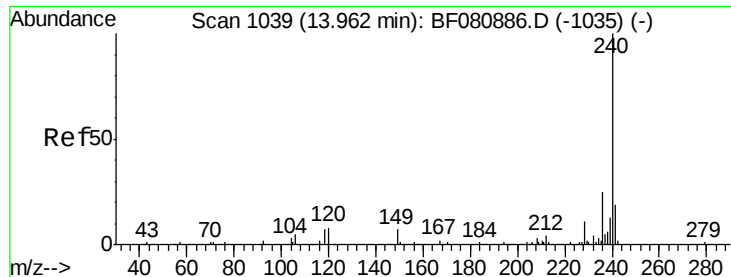
Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Tgt Ion:	202	Resp:	516308
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	32.7
203	17.8	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

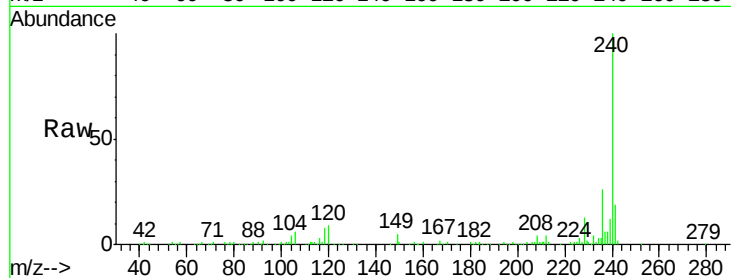
ClientSampleId :

ICVBF080615

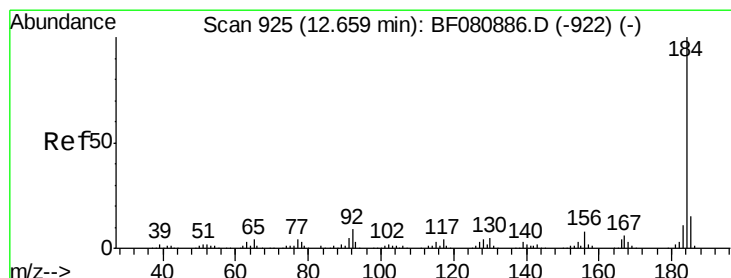
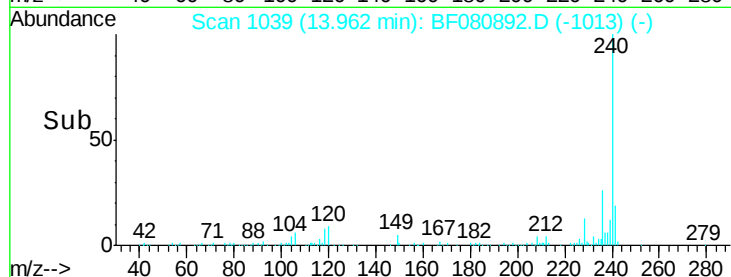
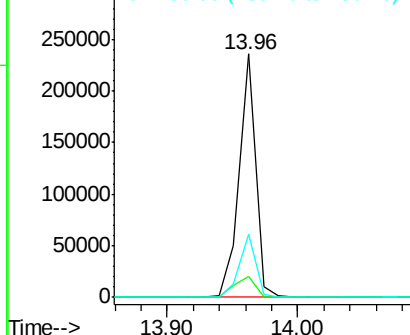
Tot Ion:	240	Resp:	205981
Ion Ratio	Lower	Upper	
240	100		
120	8.6	6.4	9.6
236	25.7	20.2	30.4

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.15 ng

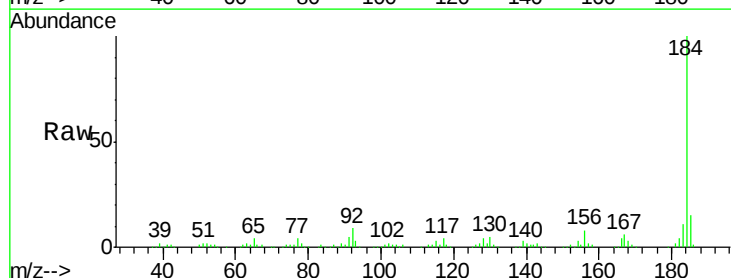
RT: 12.66 min Scan# 925

Delta R.T. -0.00 min

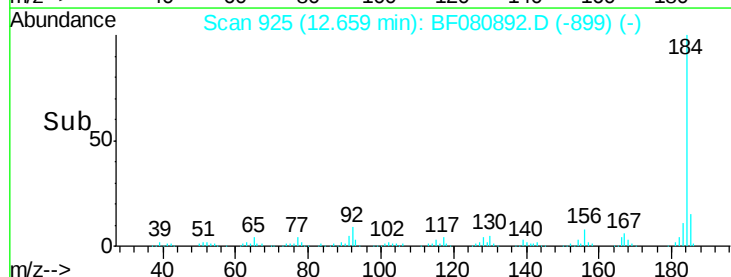
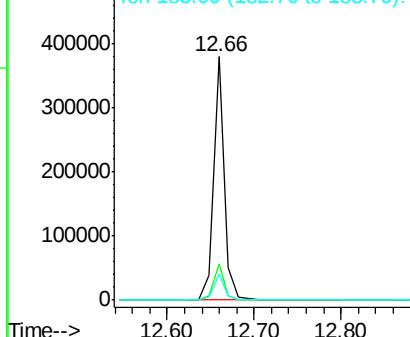
Lab File: BF080892.D

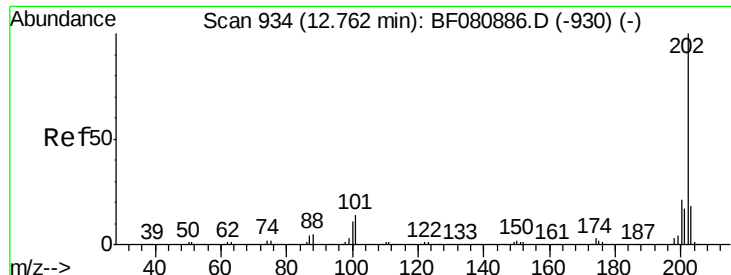
Acq: 6 Aug 2015 16:55

Tgt Ion:	184	Resp:	329428
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.4	18.6
183	10.7	8.9	13.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.72 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

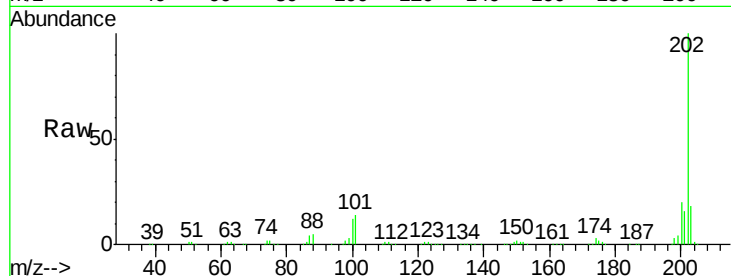
ClientSampleId :

ICVBF080615

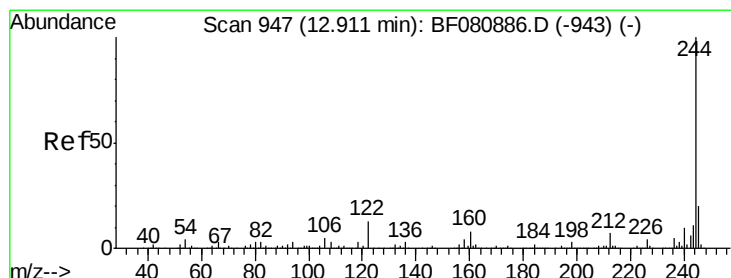
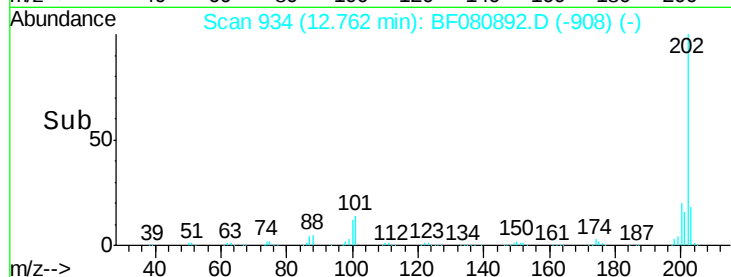
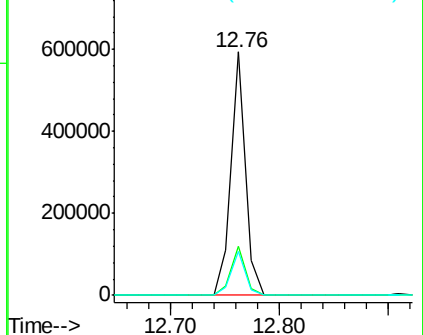
Tot Ion:	202	Resp:	546837
Ion Ratio		Lower	Upper
202	100		
200	20.2	16.6	24.8
203	17.8	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 68.50 ng

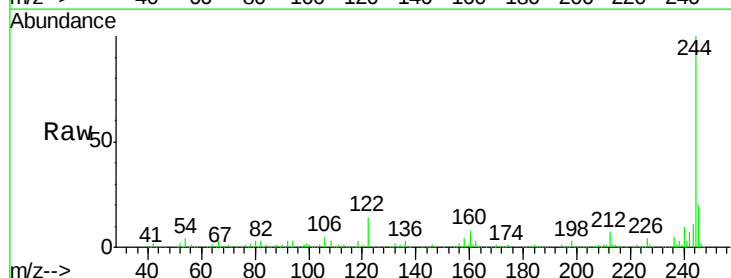
RT: 12.91 min Scan# 947

Delta R.T. -0.00 min

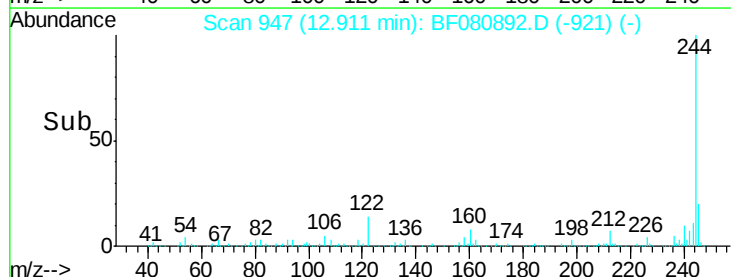
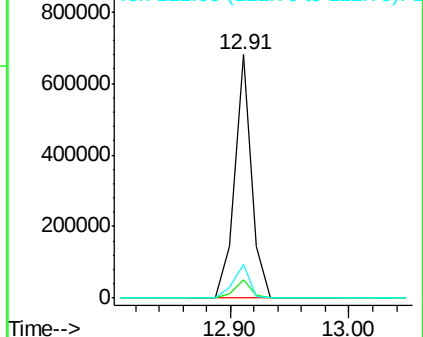
Lab File: BF080892.D

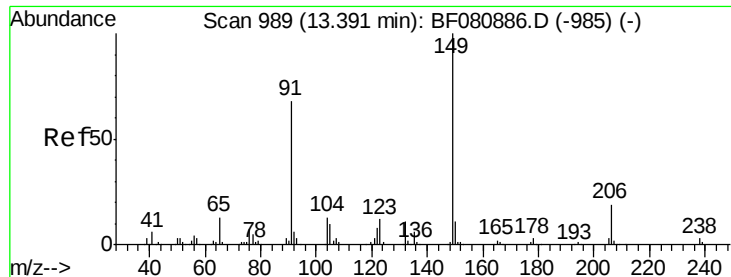
Acq: 6 Aug 2015 16:55

Tgt Ion:	244	Resp:	669293
Ion Ratio		Lower	Upper
244	100		
212	7.5	5.9	8.9
122	14.0	10.6	16.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





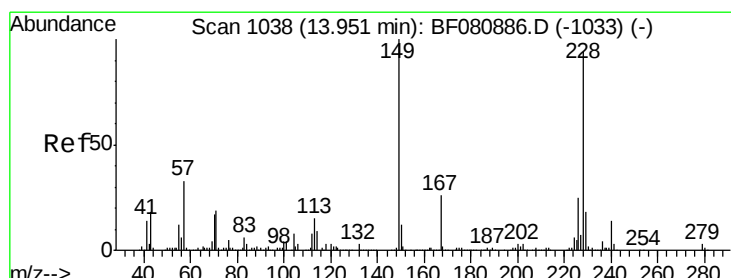
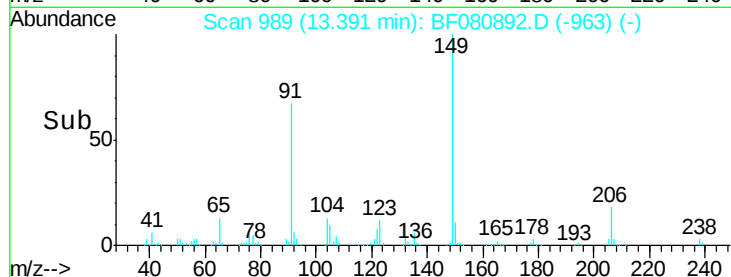
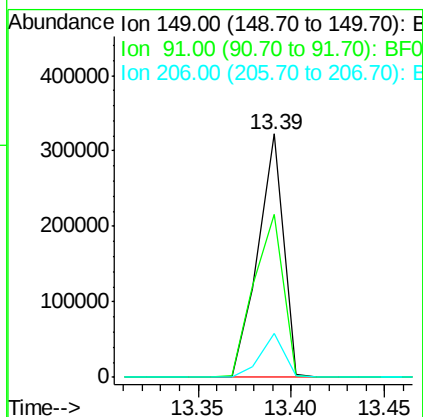
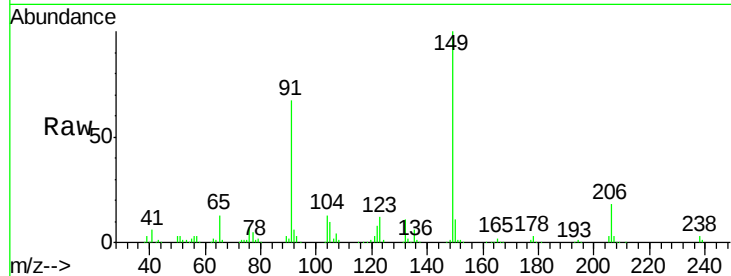
#79
Butylbenzylphthalate
Concen: 41.68 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampleId :
ICVBF080615

Tot Ion	Ratio	Resp	Lower	Upper
149	100	305199		
91	66.8	54.0	81.0	
206	18.3	15.1	22.7	

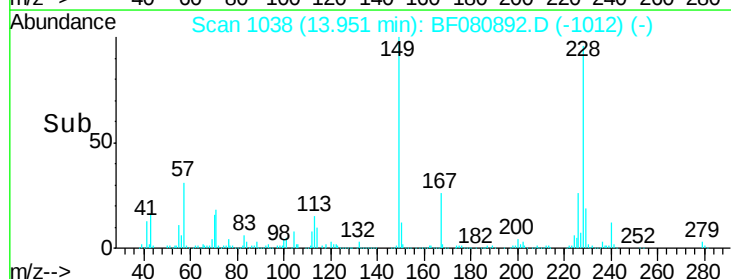
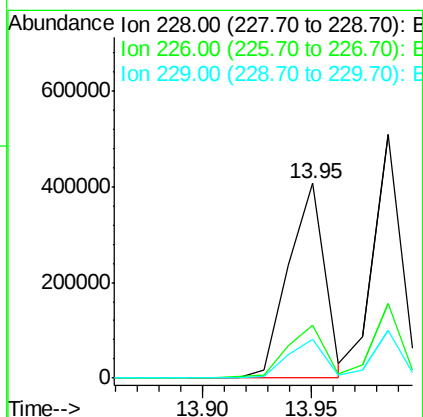
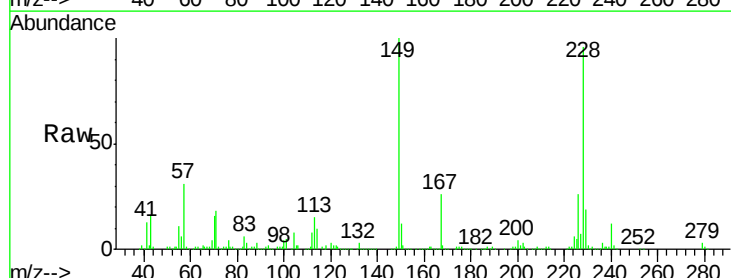
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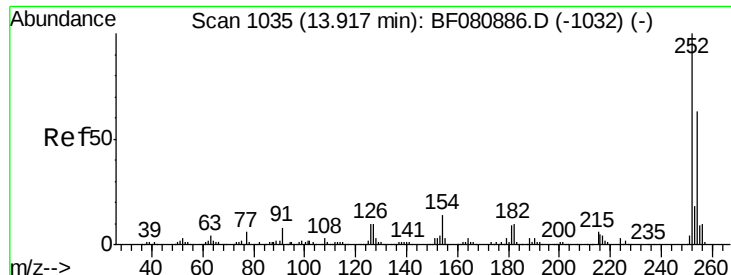
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#80
Benzo(a)anthracene
Concen: 35.19 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	473560		
226	27.4	21.4	32.2	
229	19.7	14.9	22.3	





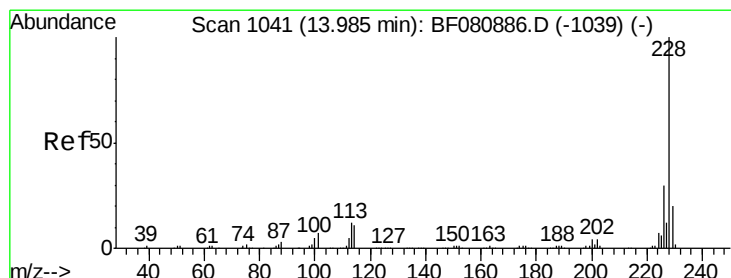
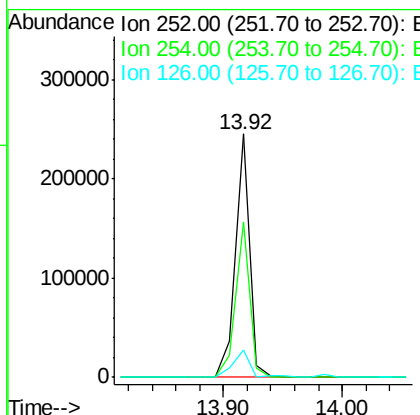
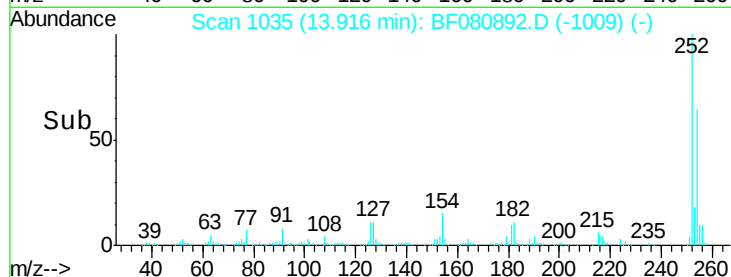
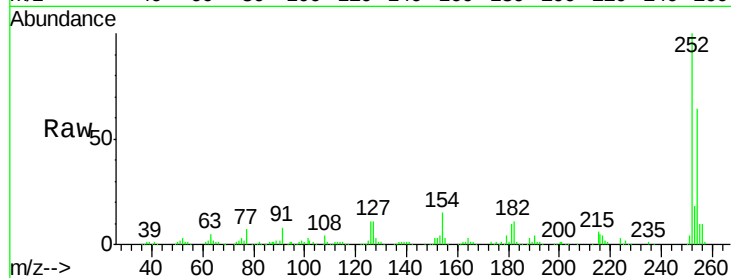
#81
 3,3'-Dichlorobenzidine
 Concen: 40.49 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080615

Tot Ion:	252	Resp:	203990
Ion Ratio	Lower	Upper	
252	100		
254	63.9	50.0	75.0
126	11.3	8.1	12.1

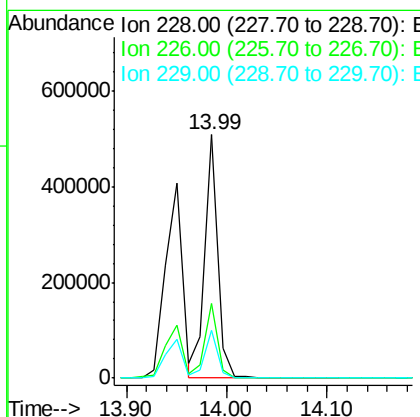
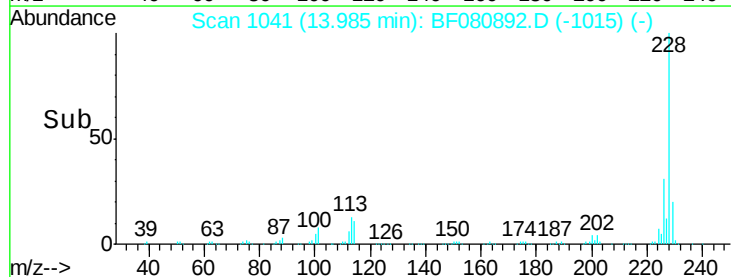
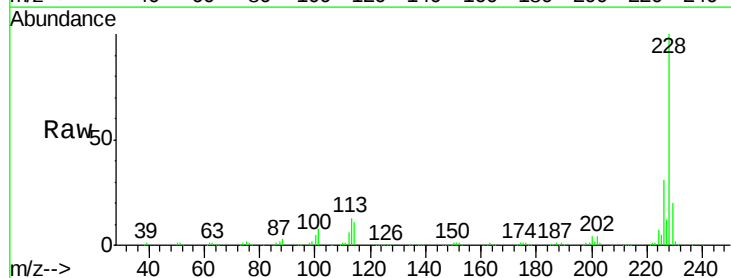
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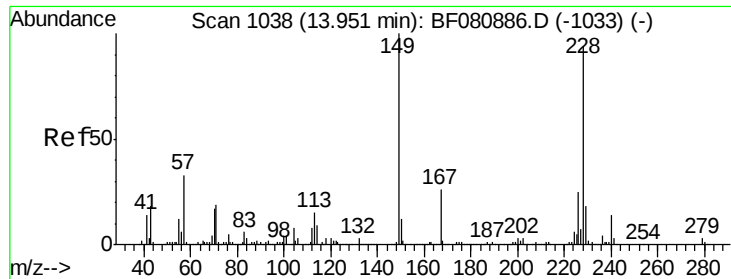
MMDadoda
 8/10/2015 10:15:03 AM



#82
 Chrysene
 Concen: 35.70 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Tgt Ion:	228	Resp:	459239
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.2	36.2
229	19.8	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.75 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

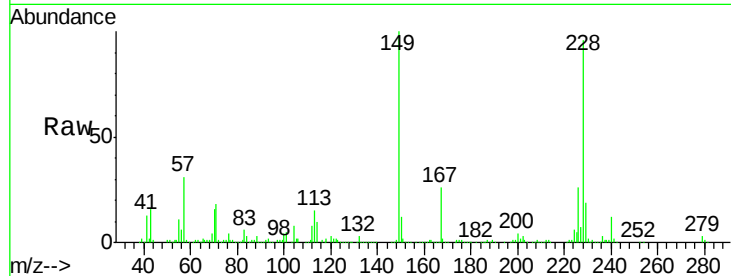
ClientSampleId :

ICVBF080615

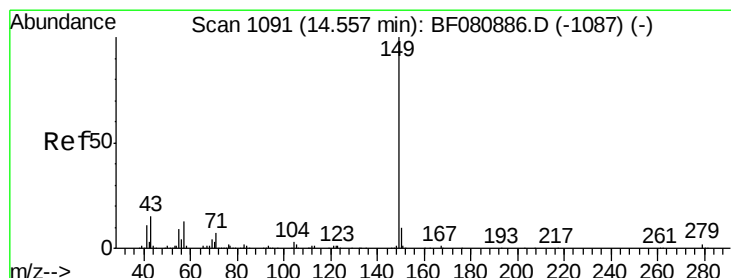
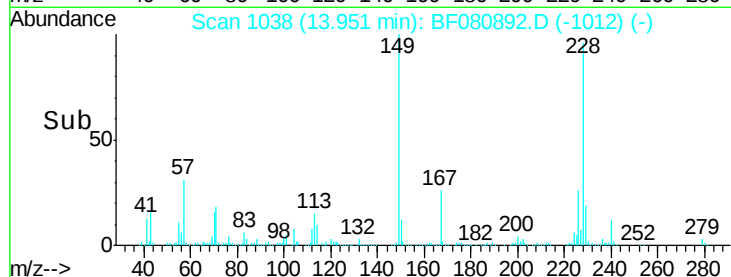
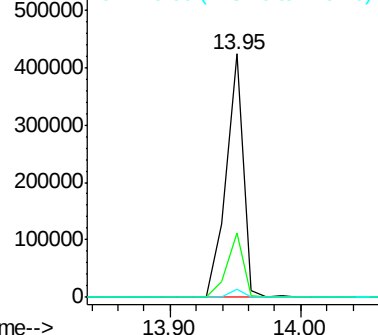
Tot Ion:	149	Resp:	388919
Ion Ratio		Lower	Upper
149	100		
167	26.4	20.6	31.0
279	3.1	2.4	3.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.53 ng

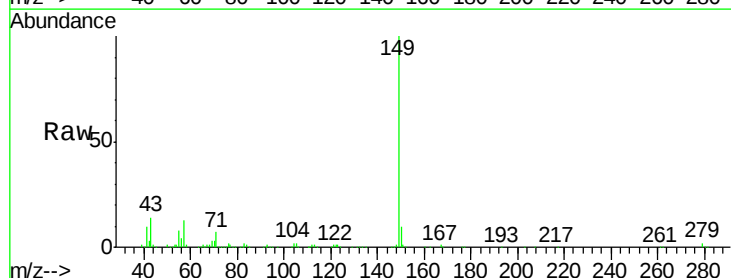
RT: 14.56 min Scan# 1091

Delta R.T. -0.00 min

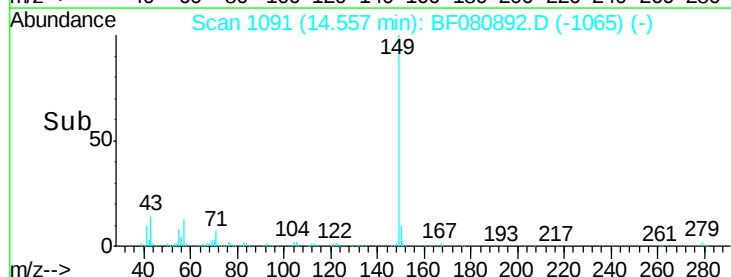
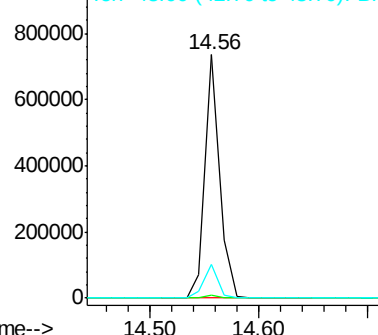
Lab File: BF080892.D

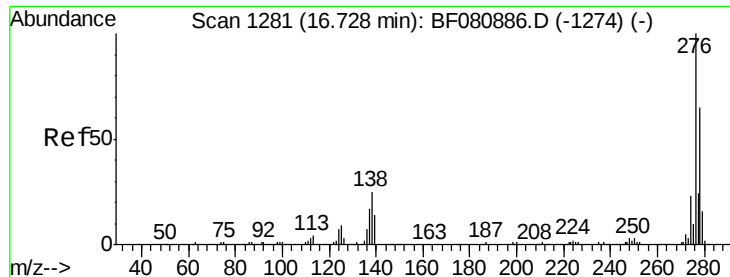
Acq: 6 Aug 2015 16:55

Tgt Ion:	149	Resp:	681413
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.1	1.7
43	13.5	11.5	17.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





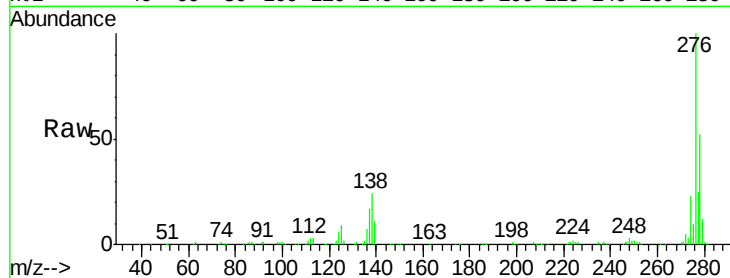
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.98 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080615

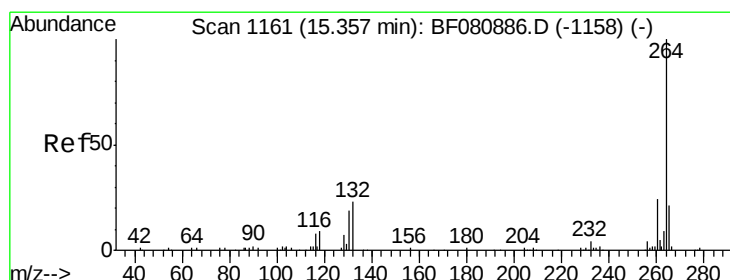
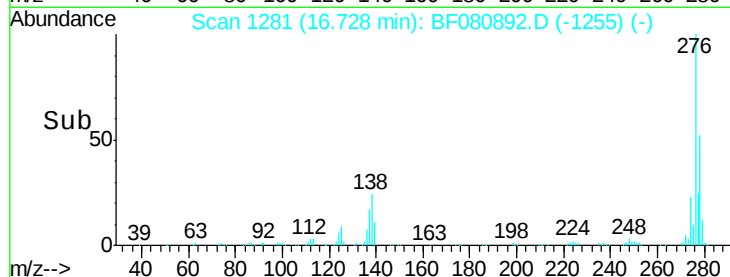
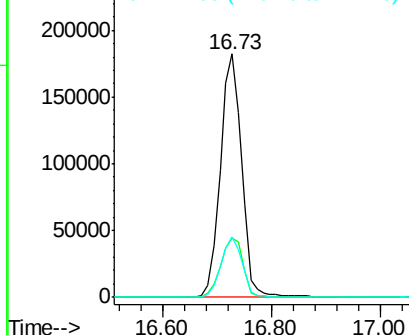
Tot Ion	Ratio	Resp	Lower	Upper
276	100	500690		
138	25.7		20.7	31.1
277	24.9		19.4	29.0

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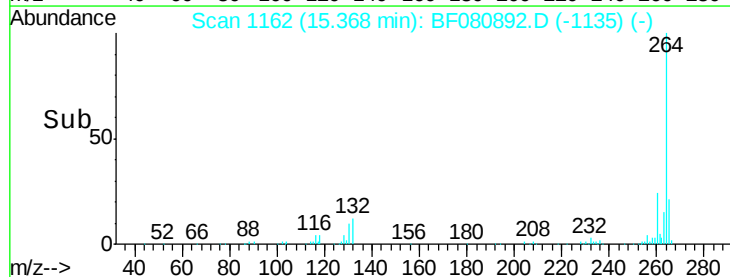
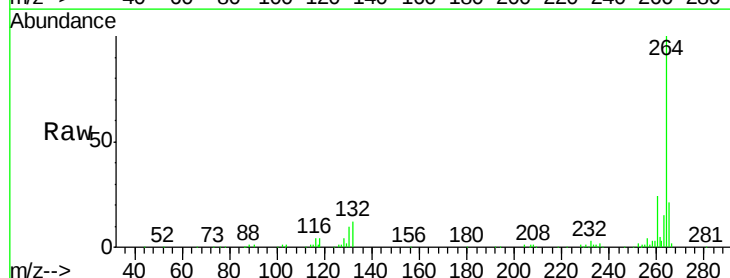
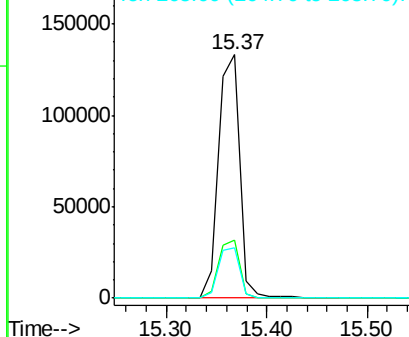
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

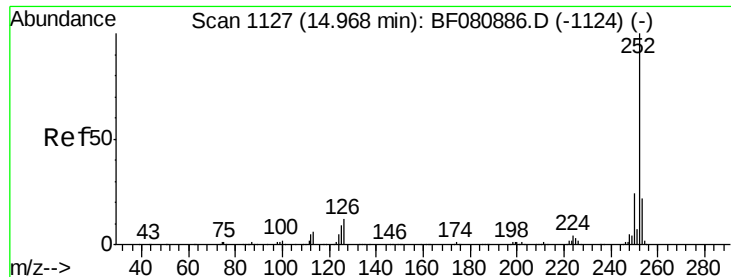


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	194914		
260	23.7		19.0	28.4
265	20.9		17.0	25.6

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.51 ng

RT: 14.97 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

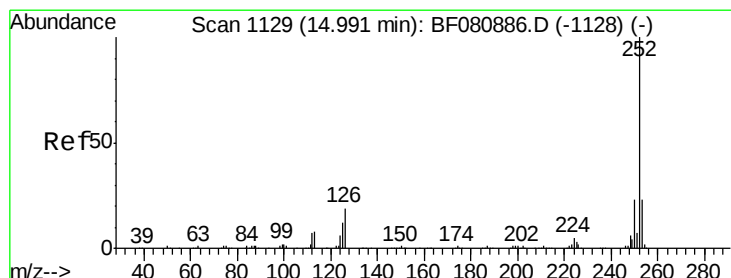
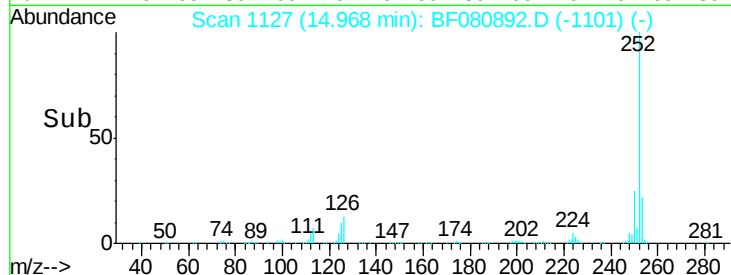
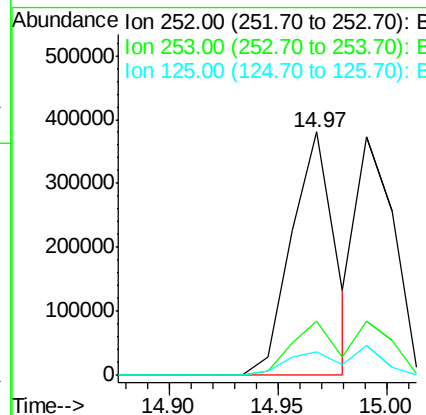
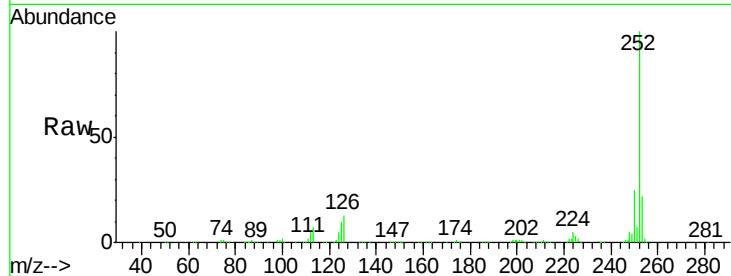
ClientSampleId :

ICVBF080615

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	9.6	7.0	10.4

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#88

Benzo(k)fluoranthene

Concen: 38.68 ng m

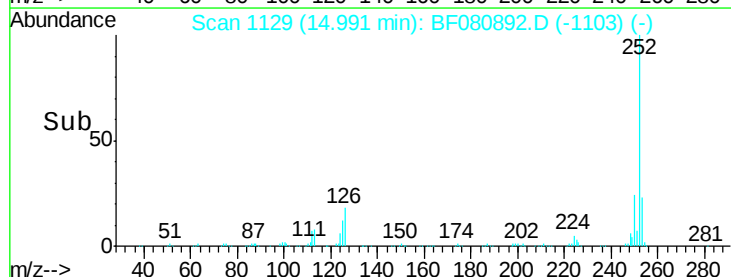
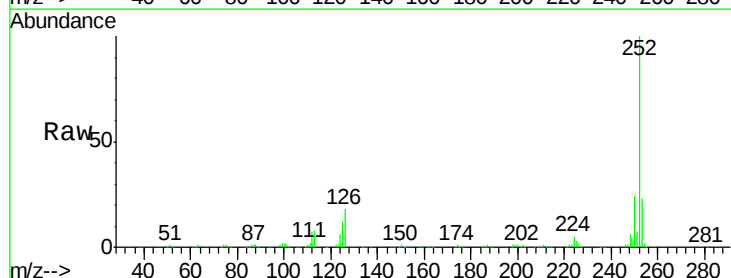
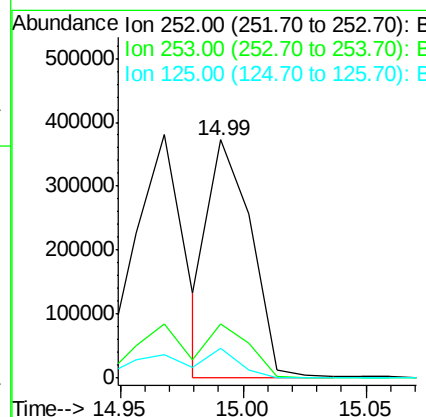
RT: 14.99 min Scan# 1129

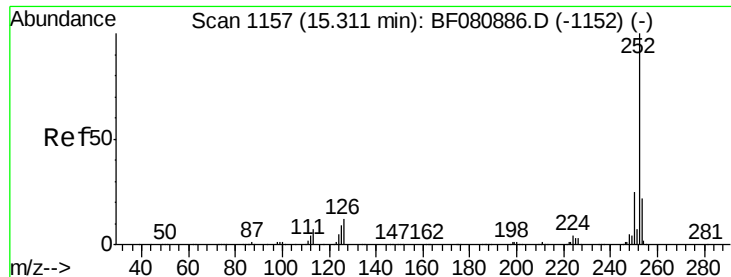
Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	12.5	9.8	14.8





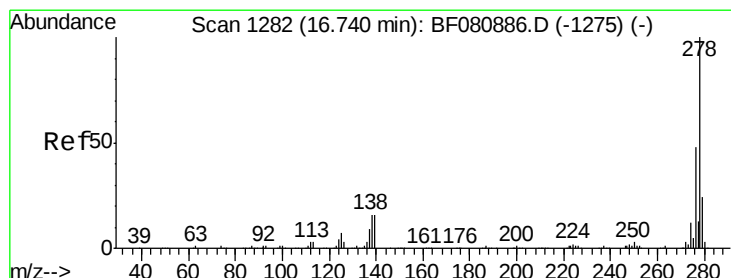
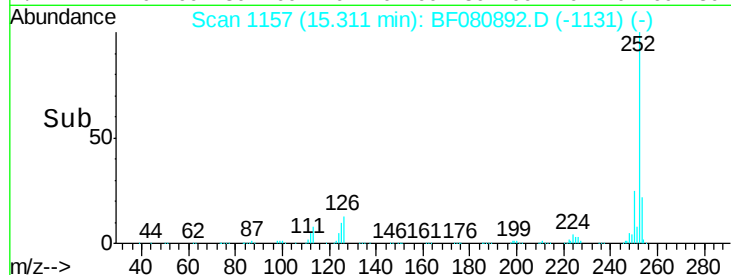
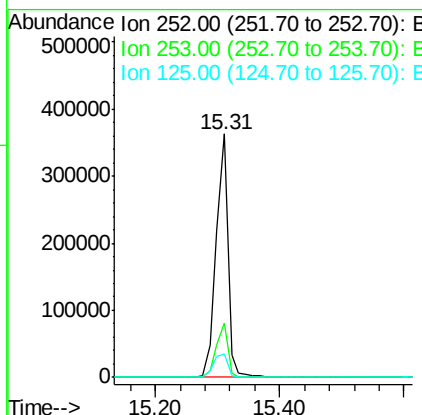
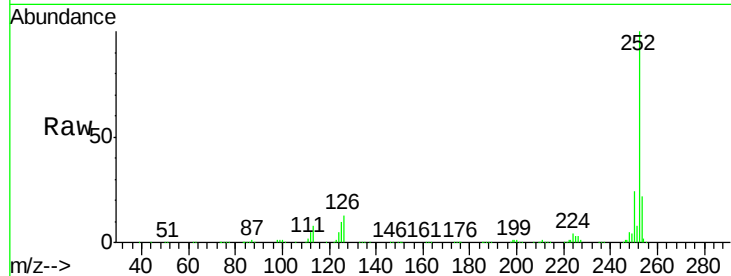
#89
Benzo(a)pyrene
Concen: 39.96 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampleId :
ICVBF080615

Tot Ion	Ratio	Resp	Lower	Upper
252	100	471395		
253	22.2	17.6	26.4	
125	9.9	7.5	11.3	

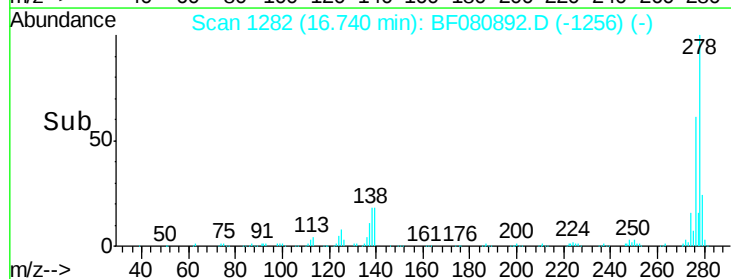
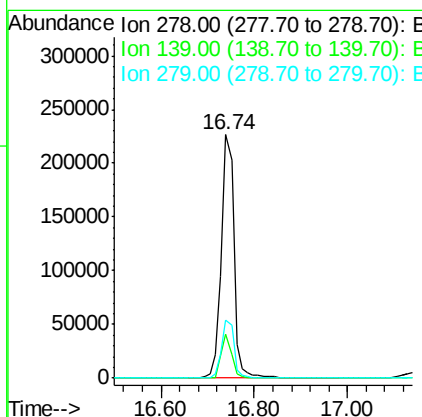
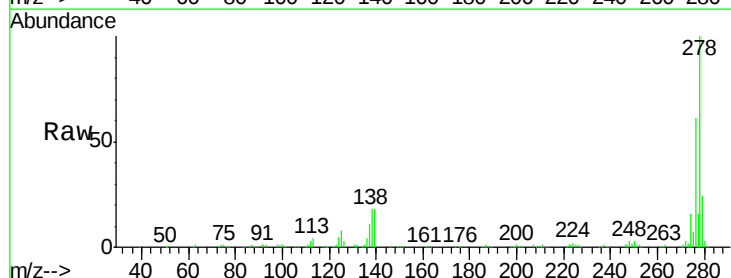
Manual Integrations
APPROVED

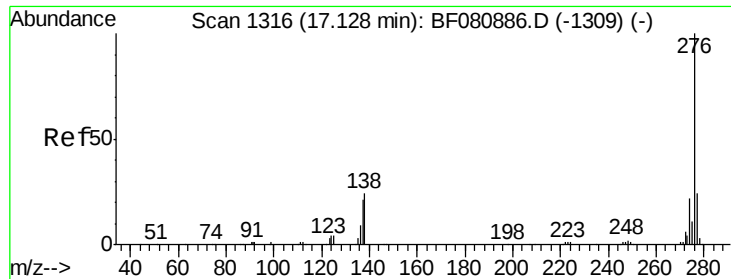
MMDadoda
8/10/2015 10:15:03 AM



#90
Dibenzo(a,h)anthracene
Concen: 41.34 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	420367		
139	18.1	13.2	19.8	
279	23.8	19.1	28.7	





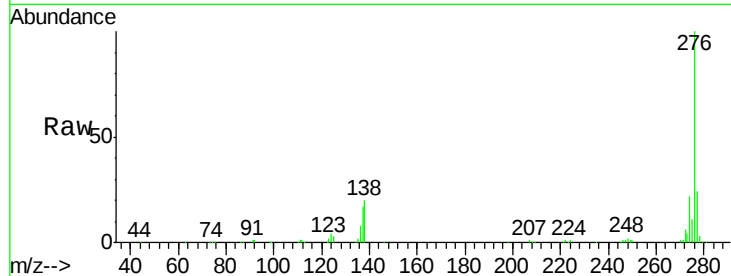
#91
 Benzo(a,h,i)perylene
 Concen: 40.81 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080615

Tot Ion:	276	Resp:	402218
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.3	28.9
138	20.0	19.1	28.7

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:15:03 AM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

